

Crissy Field Operable Unit 4 Implementation Report

**Presidio of San Francisco,
California**

July 2004

Prepared For:

**The Presidio Trust
San Francisco, California**

Prepared By:

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29 July 2004

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Subject: Crissy Field Operable Unit 4 Implementation Report
Presidio of San Francisco, California
REQUEST FOR CERTIFICATION

Dear Messrs. Boggs & Ponton:

The Presidio Trust ("Trust") is pleased to submit the enclosed *Crissy Field Operable Unit 4 Implementation Report* ("Implementation Report") for the Crissy Field Area at the Presidio of San Francisco, California. The Implementation Report was prepared to meet the requirements of Section 5.16 of the Consent Agreement with the Department of Toxic Substances Control ("DTSC") and Task 12 of the San Francisco Bay Regional Water Quality Control Board ("RWQCB") Order No. R2-2003-0080.

The Implementation Report documents the completion of remediation requirements (except for on-going groundwater monitoring) at the sites included in the *Final Remedial Action Plan, Crissy Field Area*, dated April 1998. The Crissy Field Area has been designated as Operable Unit 4 in the Consent Agreement. The Implementation Report also addresses other sites within Operable Unit 4, including (a) contingency sites discovered during the construction and restoration of Crissy Field, (b) petroleum sites, and (c) historical records review sites identified in the report entitled *Additional Sites of Potential Environmental Concern: In-Depth Historical Research Results*, prepared by IT Corporation and dated 17 February 1999.

As discussed in Section 5 of this report and summarized in Table 5-1, the Trust is requesting that DTSC and the RWQCB provide closure certification for all sites within the Crissy Field Area

Messrs. Boggs and Ponton
Crissy Field Operable Unit 4 Implementation Report
29 July 2004
Page 2

(Operable Unit 4) that are under the respective agency's jurisdiction, except for the on-going groundwater monitoring required at the Building 923/937 and Building 979 Areas.

The Trust looks forward to receiving closure certification for the Crissy Field Area. If you have any questions regarding this report, please do not hesitate to call me at 415-561-4259.

Very truly yours,

THE PRESIDIO TRUST

Craig Cooper
Remediation Program Manager

Enclosure

cc: Brian Ullensvang (National Park Service)
Mark Youngkin (Restoration Advisory Board)
Doug Kern (Restoration Advisory Board)

CRISSY FIELD OPERABLE UNIT 4 IMPLEMENTATION REPORT

PRESIDIO OF SAN FRANCISCO, CALIFORNIA

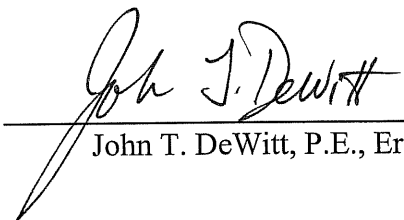
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7/29/2004

Date

CRISSY FIELD OPERABLE UNIT 4 IMPLEMENTATION REPORT

Presidio of San Francisco, California

CONTENTS

	Page
1. INTRODUCTION	1-1
1.1 Purpose of Report	1-1
1.2 Presidio Background and Location	1-2
1.3 Transfer of Environmental Cleanup Responsibility	1-3
1.4 Overview of the Consent Agreement.....	1-3
1.5 Environmental Cleanup Responsibilities Retained by Army and Others	1-5
2. BACKGROUND OF THE CRISSY FIELD RAP AREA	2-1
2.1 Crissy Field RAP Area Sites.....	2-2
2.2 Applicable Cleanup Levels	2-3
3. SATISFACTION OF THE CRISSY FIELD RAP REQUIREMENTS	3-1
3.1 Sites Addressed Under the Crissy Field RAP and Associated Memoranda for the Record	3-1
3.2 Petroleum Sites Addressed in the Crissy Field RAP Area	3-2
3.3 Historic Records Review Sites in the Crissy Field RAP Area.....	3-3
3.4 Groundwater Monitoring Data.....	3-4
3.5 Protectiveness Statement and Case Closure Summary for Petroleum Sites ..	3-5
4. ASSESSMENT FOR UNRESTRICTED USE	4-1
4.1 Crissy Field RAP Sites.....	4-1
4.2 Petroleum Sites	4-2
4.3 Historic Records Review Sites.....	4-3
5. REQUEST FOR CONSTRUCTION COMPLETION AND SITE CLOSURE CERTIFICATION	5-1

CRISSY FIELD OPERABLE UNIT 4 IMPLEMENTATION REPORT

Presidio of San Francisco, California

CONTENTS

6.	IDENTIFICATION OF FUTURE ACTIONS	6-1
6.1	Waiver of Five-Year Status Report for Closed and No Further Action Sites	6-1
6.2	Future Actions.....	6-1
6.3	Land Use Restrictions	6-2
6.3.1	Introduction.....	6-2
6.3.2	Trust Area B Land Use Controls	6-2
6.3.3	NPS Area A Land Use Controls	6-3
7.	REFERENCES	7-1

Tables:

2-1	Sites Associated with the Crissy Field RAP Area
3-1	Summary of Crissy Field Site Remedial Actions
3-2	Crissy Field Area Petroleum Sites Case Closure Summary
3-3	Assessment of Crissy Field Area Historical Record Review Sites
3-4	Summary of Building 900s Area Groundwater Data Trends
5-1	Summary of Sites for Closure Certification in the Crissy Field Project Area

Figures:

1-1	Vicinity Map
1-2	Areas A and B of the Presidio
2-1	Crissy Field RAP Area and Sites
3-1	Remediation Areas for Crissy Field RAP Sites
3-2	Aboveground and Underground Storage Tanks at the Building 900s Area
3-3	Historical Record Review Sites in Crissy Field RAP Area
3-4	Previous and Existing Monitoring Well Locations

CRISSY FIELD OPERABLE UNIT 4 IMPLEMENTATION REPORT

Presidio of San Francisco, California

CONTENTS

Appendices:

- A. Crissy Field RAP Cleanup Levels
- B. Figures from Crissy Field RAP Sites
- C. Data from Crissy Field RAP Sites
- D. Building 900s Area Groundwater Analytical Data and Potentiometric Surface Maps

1. INTRODUCTION

1.1 PURPOSE OF REPORT

This Crissy Field Implementation Report (“Implementation Report”), prepared by Erler & Kalinowski, Inc. (“EKI”) on behalf of the Presidio Trust (“Trust”), with input and assistance from the National Park Service (“NPS”), is intended to meet the requirements of Section 5.16 of the Consent Agreement with the Department of Toxic Substances Control (“DTSC,” 1999a) and Task 12 of San Francisco Bay Regional Water Quality Control Board (“RWQCB”) Order No. R2-2003-0080 (RWQCB, 2003a) for the Crissy Field Area Operable Unit (“OU 4”).

Section 5.16 of the DTSC Consent Agreement requires the Trust to submit an Implementation Report that documents the completion of remedial activities performed under the oversight of the DTSC. The Crissy Field Remedial Action Plan (“Crissy Field RAP”) (Army and DTSC, 1998d) and the associated work plan for the Crissy Field RAP (Army, 1998c) were prepared by the Army to implement remedial actions at Crissy Field. The Trust has also conducted remedial actions at Crissy Field. Based on the remedial activities conducted in the Crissy Field RAP Area and as documented by soil and groundwater results, the Trust concludes that no further action is needed at the Crissy Field RAP sites and other associated sites in the Crissy Field RAP Area, except for limited groundwater monitoring at the Building 923/937 Area (groundwater) and the Building 979 Area (groundwater). This Implementation Report is intended to provide the necessary documentation to obtain DTSC closure and certification of completion for the Crissy Field RAP sites as well as additional sites in the Crissy Field RAP Area that are identified in this report.

Task 12 of Order No. R2-2003-0080 (the “Order”) (RWQCB, 2003a) calls for submittal of a technical report that requests closure certification for underground storage tanks (“USTs”), aboveground storage tanks (“ASTs”), and fuel delivery system (“FDS”) pipelines following completion of removal and remedial actions. Based on the remedial activities conducted for the USTs, ASTs, and FDS line within the Crissy Field RAP Area, as documented by soil and groundwater sampling results or based on documentation and historical records reviews, the Trust concludes that cleanup levels and remedial goals have been met for the petroleum sites as documented in this report, unless otherwise indicated in this report.

In view of this completion of remedial actions for soil and the submittal of the associated documentation, the Trust asks that the requirements for future Five-Year Status Reports,

described in Section 5.14 of the Consent Agreement and Task 13 of the Order, be waived for all of the sites within the Crissy Field RAP Area, except for the two sites with ongoing groundwater monitoring requirements (Building 923/937 Area (groundwater) and the Building 979 Area (groundwater)).

This Crissy Field Implementation Report was prepared to document remedial actions and request closure certification for the Crissy Field sites. This report also includes an assessment for each of the sites for unrestricted land use.

1.2 PRESIDIO BACKGROUND AND LOCATION

The Presidio of San Francisco (“Presidio”) is located at the northern tip of the San Francisco Peninsula (Figure 1-1). The Presidio, occupying 1,491 acres, is bounded by San Francisco Bay on the north and the Pacific Ocean on the west. The remaining boundaries are with the City of San Francisco.

The Department of the Defense, Department of the Army (“Army”) operated the Presidio as a military post from 1848 to 1994. It served as a coastal defense fortification and a mobilization and embarkation point.

The Presidio lies within the Golden Gate National Recreation Area (“GGNRA”), created by Congress in 1972. The GGNRA legislation specified that, if the military could no longer use the Presidio, jurisdiction would be transferred to the Department of the Interior, National Park Service (“NPS”). In 1972, the Army transferred Baker Beach, part of Crissy Field, and the Fort Point National Historic Site to the NPS. In 1989, the Army announced that the Presidio would close as part of the Base Realignment and Closure Act (“BRAC”). The Army transferred the remaining portion of the Presidio to the NPS in 1994.

In 1996, Congress enacted the Presidio Trust Act (Section 103 of the Omnibus Parks and Public Lands Management Act of 1996, Public Law 104-333, 110 Stat. 4097) creating the Presidio Trust and giving the Trust jurisdiction over the 1,168-acre inland area of the Presidio known as Area B. The NPS continues to manage the shoreline area known as Area A. See Figure 1-2 for the Area A/Area B boundary.

In 1990, in anticipation of the transfer by the Army, the NPS began planning the conversion of the Presidio from a military post to a national park. The planning effort culminated in the *General Management Plan Amendment* (“GMPA”) prepared by the NPS (NPS, 1994). The GMPA guides the overall management and improvement of the

Presidio, and is the governing plan for Area A. The Trust prepared the *Presidio Trust Management Plan* (“PTMP”) (Presidio Trust, 2002) setting forth the Trust’s land use policies and general management framework for Area B. The Trust manages the Presidio in accordance with the PTMP, the general objectives of the GMPA, and in such a way as to protect the Presidio from development and uses that would destroy the scenic beauty, historic and natural characteristics of the area, and cultural and recreational resources. The Crissy Field RAP Area is located in both Area A and Area B.

1.3 TRANSFER OF ENVIRONMENTAL CLEANUP RESPONSIBILITY

Subsequent to the transfer of the Presidio to NPS and the Trust, it was apparent that park preservation and reuse could be realized more quickly and efficiently and cleanup would be more effective if the Trust controlled and managed the environmental restoration of the Presidio. With certain exceptions identified in Section 1.5, the Trust assumed responsibility for remediation of both Areas A and B of the Presidio by signing the *Memorandum of Agreement Regarding Environmental Remediation at the Presidio of San Francisco* among the Trust, Army, and NPS (“Presidio MOA”) (Trust, Army, and NPS, 1999) and the *Memorandum of Agreement for Environmental Remediation of Presidio of San Francisco “Area A” Property* between the Trust and NPS (“Area A MOA”) (Trust and NPS, 1999).

1.4 OVERVIEW OF THE CONSENT AGREEMENT

The Trust entered into a Consent Agreement with the California Environmental Protection Agency, Department of Toxic Substances Control (“DTSC”) and NPS on 30 August 1999 (DTSC, 1999a). The Consent Agreement establishes responsibilities and procedures for cleanup of releases of hazardous substances and hazardous waste at the Presidio under the Comprehensive Environmental Response, Compensation, and Liability Act (“CERCLA”) and Resource Conservation and Recovery Act (“RCRA”). The Consent Agreement specifically identifies the following nine Operable Units (“OUs”):

OU 1 Public Health Service Hospital (“PHSH”)

OU 2 Main Installation

OU 3 Firing Ranges

OU 4 Crissy Field Area

OU 5 Directorate of Engineering and Housing (“DEH”) Area

OU 6 Miscellaneous Sites

OU 7 Basewide Cumulative Effects

OU 8 Golden Gate Bridge Highway and Transportation District (“GGBHTD”) Site

OU 9 California Department of Transportation (“Caltrans”) Site

OU 4 is the focus of this implementation report. The Trust has submitted the DEH Area (OU 5) Implementation Report for certification by DTSC (Mactec, 2003; Treadwell & Rollo, 2004a)

It should be recognized that CERCLA governs only the cleanup of a release or threatened release of a hazardous substance into the environment, which incorporates substances, elements, compounds, solutions, or mixtures regulated under RCRA, Clean Water Act (“CWA”), Clean Air Act (“CAA”), or Toxic Substances Control Act (“TSCA”). The definition of hazardous substances excludes petroleum hydrocarbons. The National Oil and Hazardous Substances Pollution Contingency Plan (“NCP”) at Title 40 of the Code of Federal Regulations (“CFR”), Part 300.5 states that the term hazardous substances:

...does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance in the first sentence of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).

Accordingly, the Trust addresses releases of petroleum hydrocarbons at the Presidio under its petroleum program overseen by the RWQCB.

As this Crissy Field Implementation Report includes the Army and Trust’s measures to address CERCLA issues overseen by the DTSC and petroleum sites overseen by the RWQCB, the Trust is simultaneously submitting this report to the DTSC and RWQCB and requesting both agencies to provide closure certification for sites within their respective jurisdiction.

1.5 ENVIRONMENTAL CLEANUP RESPONSIBILITIES RETAINED BY ARMY AND OTHERS

Under the Presidio MOA, the Army agrees to retain responsibility for cleanup of the following sites or types of contaminants:

- Contamination caused by the Army's operations, if any, that remains unidentified as of the effective date of the Presidio MOA (i.e., unknown contamination).
- Radiological materials, chemical and biologic warfare agents, and unexploded ordnance, if any, that may be disposed of at the Presidio.
- Contamination present in off-shore sites, if any, due to use of the Crissy Field Skeet Range and Rifle Institute, or associated with any other activity attributable to the Army. Off-shore sites are defined in the Presidio MOA as being those locations "seaward of the Presidio's Mean Lower Low Water elevation line at zero (0) feet, equal to the National Geodetic Vertical Datum of 1929 (NGVD29) at minus two point eight four (-2.84) feet."

In addition, the Army retains responsibility for the cleanup of the following sites, to the extent that the responsible party does not remediate the site in accordance with applicable law:

- GGBHTD site
- Caltrans site
- Former Fort Point United States Coast Guard ("Coast Guard") site.

As lead state agency, DTSC acknowledges the Army's responsibility for remediation of the above sites and contaminants. GGBHTD, Caltrans, and the U.S. Coast Guard are participating in cleanup of contamination caused by their operations at OU 8, OU 9, and the former Coast Guard site, respectively. DTSC is overseeing remediation of OU 8 and OU 9 because these sites involve releases of hazardous substances. DTSC has entered into separate voluntary cleanup agreements with GGBHTD and Caltrans for cleanup of OU 8 and OU 9. DTSC has also been overseeing investigations of the former Coast Guard site, although the Coast Guard does not have a formal agreement with DTSC.

2. BACKGROUND OF THE CRISSY FIELD RAP AREA

Crissy Field was primarily used as an airfield, for aircraft and vehicle maintenance, storage, refueling, and other light industrial activities to support the Army. As shown on Figure 2-1, the Crissy Field Area is located along the northern boundary of the Presidio of San Francisco. The Army conducted a remedial investigation and feasibility study (Dames & Moore, 1997b, 1997a) that included sites in the Main Installation (OU 2), Crissy Field (OU 4), and DEH (OU 5). The Army also completed a site investigation of the Small Arms Firing Ranges (OU 3), which included two sites in the Crissy Field RAP Area (Montgomery Watson, 1997b). The Army prepared the Crissy Field Remedial Action Plan (“RAP”) (Army and DTSC, 1998d), which outlined the remedial actions for several specific Crissy Field sites. The Crissy Field RAP was prepared to fulfill the requirements of the California Health and Safety Code Section 25356.1 as well as the substantive technical requirements for remedy selection in the NCP (40 CFR Part 300). The Army also prepared the *Remedial Action Work Plan, Crissy Field Area, Presidio of San Francisco* (Army, 1998c) to guide the implementation of the Crissy Field RAP.

The Army conducted expedited remedial actions at the DEH and Crissy Field sites to allow for the restoration of a 100-acre shoreline park within the GGNRA. The Army removed more than 87,000 tons of hazardous fill material between 1998-1999, followed closely by the restoration contractor’s removal of seventy acres of asphalt and concrete. The landscape was reshaped to create an 18-acre tidal marsh, a 28-acre grassy field (the restored “airfield”), several picnic areas, and a promenade that is part of the 400-mile Bay Trail. The \$34 million project was funded in large part by private donations, and relied a great deal on community involvement and volunteer efforts. The Golden Gate National Parks Conservancy, the non-profit support partner of the GGNRA, sponsored the restoration project.

This Crissy Field Implementation Report addresses the sites included in the Crissy Field RAP and other associated sites as identified in Table 2-1. Sites only believed to be contaminated with petroleum hydrocarbons (non-CERCLA sites) were generally not included in the Crissy Field RAP; however, aboveground storage tanks (“ASTs”) and underground storage tanks (“USTs”) located in the areas addressed by the Crissy Field RAP are included in this report such that certification and closure for the majority of the Crissy Field area can be achieved simultaneously. Other sites near or within Crissy Field included in the Army’s RI and FS that are not included in this report have been or are being addressed by the Trust under other programs. In particular, the Army addressed remedial actions at the DEH under the DEH RAP (Army and DTSC, 1997).

2.1 CRISSY FIELD RAP AREA SITES

The background and nature and extent of the various sites in the Crissy Field RAP Area are described in a number of past Army- and Trust-prepared documents, which are included in the reference list of this report (Section 7). The approach of this Implementation Report is to bring together and summarize the remedial actions performed and documented in many of these reports and, in a coordinated effort, to address all of the known contamination related issues in the Crissy Field RAP Area. Table 2-1 and Figure 2-1 identify the sites within and near the Crissy Field RAP Area. The Crissy Field RAP Area does not directly match the GMPA Crissy Field Planning Area (NPS, 1994) or the Trust's PTMP Crissy Field Planning District (Trust, 2002). Sites included within and adjacent to the Crissy Field RAP Area are shown on Figure 2-1.

As a requirement of the Crissy Field RAP, the Army prepared a Contingency Action Plan to address odorous or other potentially chemically-impacted soil and other potentially hazardous debris that were likely to be encountered during restoration activities (Army, 1998b). The Contingency Action Plan provided guidelines for responding to sites issues that were unknown prior to the restoration and were encountered during the construction process. While these contingency sites were not specifically identified in the Crissy Field RAP, the Army and the Trust addressed several contingency sites that were discovered during the restoration of Crissy Field. These contingency sites are also listed in Table 2-1.

In addition, several petroleum sites are located within the Crissy Field RAP Area. These sites are discussed in more detail in Section 3.2. In order to meet a DTSC request that all environmental remediation issues (including closure of petroleum sites) be addressed before certifying a site for closure, this Crissy Field Implementation Report includes information for closure on the tanks listed in Table 2-1. In Section 5, this Crissy Field Implementation Report requests closure and no further action certification from the RWQCB for these petroleum sites within the Crissy Field RAP Area.

Table 2-1 also includes a category of sites entitled "Historic Records Review Sites within Crissy Field." These sites were identified in the report entitled *Additional Sites of Potential Environmental Concern: In-Depth Historical Research Results* (IT, 1999g). While these sites are not included in the Crissy Field RAP, they have been included in this document to fulfill the Trust's goal of comprehensive closures for all sites within the Crissy Field RAP Area. These sites are discussed in more detail in Section 3.3.

There are sites adjacent to or partially within the Crissy Field RAP Area that are not addressed in the Crissy Field RAP or this Crissy Field Implementation Report (e.g.,

DEH, Building 637, Building 207/231, the Commissary/Post Exchange Study Area, and the Building 633 Firing Range). These sites are identified in Table 2-1. The program and associated documents describing the remedial actions at the sites are listed in Table 2-1. These sites are also shown on Figure 2-1. As these sites are not addressed in the Crissy Field RAP, they are not carried further through this report.

2.2 APPLICABLE CLEANUP LEVELS

Most of the cleanup levels for the Crissy Field RAP Area were based on recreational human health and ecological risk assessments conducted by the Army in the Presidio RI (Dames & Moore, 1997b) and modified by comments (EKI, 1997) on the Draft RAP. Cleanup levels for petroleum hydrocarbons were based on RWQCB Order No. 96-070 (RWQCB, 1996). The Crissy Field RAP contains a table listing each site identified as requiring remedial action, the specific chemicals of concern to be addressed, and the respective cleanup level associated with the chemicals. A copy of this table is included in Appendix A. The tables in Section 3 include a comparison of the verification sampling results to the Crissy Field RAP cleanup levels in order to demonstrate that the remedial actions performed meet the applicable cleanup levels.

3. SATISFACTION OF THE CRISSY FIELD RAP REQUIREMENTS

The Crissy Field RAP addressed known, potentially contaminated sites within the Crissy Field RAP Area (Army and DTSC, 1998d), as shown on Figure 2-1 and listed in Table 3-1. As discussed in Section 2, this Crissy Field Implementation Report also addresses other sites located within the Crissy Field RAP Area (e.g., tank sites, FDS, and historical records review sites).

3.1 SITES ADDRESSED UNDER THE CRISSY FIELD RAP AND ASSOCIATED MEMORANDA FOR THE RECORD

Table 3-1 summarizes a variety of pertinent site issues at each of the sites included in the Crissy Field RAP or Associated Memoranda for the Record (Army, 1998e, 1998f, 1998g, 1998h). The following types of sites that have been remediated by the Trust or Army are included in Table 3-1:

- Sites for which remedial actions identified in the Crissy Field RAP have been implemented (sites designated as no further action in the Crissy Field RAP are not included in Table 3-1);
- Sites that were not formally included in the Crissy Field RAP, but were included in the Associated Memoranda for the Record (i.e., Former Buildings 901 through 919 and removal of tidal marsh storm drains and sediments);
- Crissy Field Contingency Sites addressed by the Army or Trust during restoration work at the site; and
- Fuel Distribution System (“FDS”) segments located in the Crissy Field RAP Area.

The columns in Table 3-1 include the site name, a description of remedial actions conducted at the site, a description of variations from the planned work, a summary of results of the remedial actions, a comparison to residential cleanup levels, a listing of future work at the site, and references to specifically applicable reports and regulatory agency responses for the site. Remedial actions in the Crissy Field RAP generally included excavation and off-site disposal. In some instances, pre-remediation soil sampling was included as part of the remedy. The detailed summaries of remedial actions conducted (often including amount of soil removed), whether the remedial actions achieved the applicable cleanup levels, the exceptions to the Crissy Field RAP cleanup levels, and the rationale for the on-going protectiveness at such sites are provided in

Table 3-1 and are not duplicated in the text. In the few instances when the Crissy Field RAP cleanup levels were not achieved, the main reason was the inability to excavate residual material above cleanup levels, due to the presence of an existing (often historic) structure (see Table 3-1).

Figure 3-1 depicts the remediation areas for each of the Crissy Field RAP sites. Appendix B includes detailed figures for each of the sites that show the verification sampling locations and extents of excavations. Figures for the FDS segments and Contingency Sites for which formal figures were not available are not included in Appendix B. Electronic copies of analytical data tables for each of the Crissy Field RAP Sites listed in Table 3-1 are provided on a compact disk in Adobe Acrobat® PDF file format in Appendix C. Data for contingency sites where data was not collected or the site is being incorporated into the Commissary/PX Corrective Action Plan (“CAP”) (i.e., Site 111098-1100 and Site 171199-1100) are not included in Appendix C.

Sites identified as no action in the Crissy Field RAP are not included in Table 3-1 because no remedial actions were implemented at these sites. These no action sites include the DEH Firing Range and Fill Site 7 Groundwater.

As summarized in Table 3-1, the remedial activities performed at the sites listed in the table (which includes all of the Crissy Field RAP sites and associated sites) support the following conclusions:

- Post-excavation verification sampling was sufficient to assess the effectiveness of the remedial activities performed;
- Chemical concentrations detected in the verification soil samples are below the soil cleanup levels in the RAP (or, in the few instances where concentrations exceed the cleanup levels, the residual chemical concentrations should not pose an adverse risk to human and ecological receptors); and
- On the basis of the remedial activities and verification sampling results, no further remedial actions are required at the sites in Table 3-1 to satisfy the objectives and requirements of the Crissy Field RAP and the associated Work Plan, except for limited groundwater monitoring (see Section 6).

3.2 PETROLEUM SITES ADDRESSED IN THE CRISSY FIELD RAP AREA

Petroleum sites located within the Crissy Field RAP Area are shown on Figure 3-2 and listed in Table 3-2. These sites include former ASTs and USTs located within the Building 900s Area of Crissy Field. CAP sites that fall partially within the Crissy Field

RAP Area (i.e., Commissary/PX Area, Building 637 Area, Building 207/231 Area) are not included in this document. The background, history, investigations, and remedial actions at the petroleum sites are described in a number of past Army- and Trust-prepared documents. As discussed previously, the approach of the Crissy Field Implementation Report is to bring together available information from earlier reports and investigations and, in a coordinated effort, to address the known or potential contamination-related issues at the sites.

Table 3-2, which is intended to be the Case Closure Summary required under Section 12 of the Order (RWQCB, 2003a), summarizes the investigation, remediation activities, and verification sampling results at these petroleum sites. In some cases, the tanks were found not to exist. For such sites, the Case Closure Summary (Table 3-2) provides the known information about the tank site and summarizes investigation and remediation activities performed in the vicinity of the tank site. Together, that information is used to support the Trust's request for closure certification. Where investigation or verification sampling data are available, chemical concentrations are compared to the cleanup levels in Order No. R2-2003-0080. The Trust is requesting closure from the RWQCB for all of the petroleum sites in Table 3-2 in accordance with Section 12 of the Order (see Section 5). In addition, for the tank sites under DTSC oversight (either specifically identified in the Consent Agreement (DTSC, 1999a) or tanks that contained or may have contained potentially hazardous substances regulated under CERCLA), the Trust is requesting closure from the DTSC for those sites under DTSC oversight, in accordance with Section 5.16 of the Consent Agreement.

3.3 HISTORIC RECORDS REVIEW SITES IN THE CRISSY FIELD RAP AREA

At the request of community members of the Restoration Advisory Board ("RAB"), the Army conducted a records review of former and existing Presidio buildings to evaluate if historic building uses may have resulted in contamination of the buildings or surrounding environment (IT, 1999g) ("Historical Records Report"). Sites within the Crissy Field RAP Area that were reviewed by the Army for the Historical Records Report are shown on Figure 3-3 and listed in Table 3-3. This table includes information such as the site name, the category assigned to the site by the Army base on the available information,¹ a

¹ Based on the Army Memorandum (IT, 1999g), the Site Categories are:

A – Army research suggests that additional information may be needed for site closure.

B – Army indicated that site was included in previous or ongoing investigation/remediation.

C – Army research did not reveal known or potential environmental concerns at site.

D – Site are outside the jurisdiction of the National Park Service or Presidio Trust.

brief site description, a description of investigations or remedial actions performed at or in the vicinity of the site, a conclusion regarding the potential environmental concern for each site, a listing of future work at the site, and pertinent references. The Trust augmented the information provided in the Historical Records Report by evaluating available data from the Army's remedial investigation, verification sampling results from nearby remediation activities, and groundwater monitoring. Based on these results, no further action is recommended for all of the sites included in Table 3-3. As such, in accordance with Section 5.16 of the Consent Agreement and Section 12 of the Order, as appropriate (see Section 5), the Trust is requesting closure for the historic records review sites in the Crissy Field RAP Area.

3.4 GROUNDWATER MONITORING DATA

Groundwater remedial actions in the Crissy Field RAP included groundwater monitoring in the Building 923/937 Area and the Building 979 Area (collectively "the Building 900s Area") to confirm that source removal at these sites (see Table 3-1) were effective at reducing chemical concentrations to levels below the applicable saltwater quality standards through the study sites. The RAP requires that groundwater monitoring be performed for five years. The primary chemicals in groundwater at these sites include chlorinated solvents (trichloroethene ("TCE"), cis- and trans-1,2-dichloroethene ("c-1,2-DCE" and "t-1,2-DCE"), and vinyl chloride) and petroleum hydrocarbons and related constituents (benzene, toluene, ethylbenzene, and xylenes ("BTEX")). These chemicals are identified as the chemicals of concern ("COCs") in groundwater at the Building 900s Area.

Figure 3-4 shows previous and existing groundwater monitoring wells in the Building 900s Area. Potentiometric surface maps for the Crissy Field Area sites from which groundwater monitoring data is collected on a regular basis are included in Appendix D. Table 3-4 summarizes the groundwater data and trends at the Building 900s Area, including comparison with Crissy Field RAP cleanup levels. As described in Table 3-1, the Trust has completed 2.5 years of groundwater monitoring in the Building 900s Area. Although the RAP requires 5 years of monitoring, COC concentrations are significantly less than the RAP cleanup levels. Therefore, the Trust performed a trend analysis using the Mann-Kendall non-parametric test (Gilbert, 1987) to assess whether the available data show a stable, decreasing, or increasing trend in a given well. The Mann-Kendall test could only be performed for wells with detected COCs. Results of the trend analysis are presented in Table 3-4. As shown in Table 3-4, COCs have not been detected in many of the wells. Of the 270 trend analyses for the 10 detected chemicals in the 27 wells summarized in Table 3-4, only five wells had a

chemical or two that exhibited statistically significant upward trend of volatile organic compound (“VOC”) concentrations over time (i.e., approximately two percent of detected chemicals). All other chemicals in the wells exhibited stable or decreasing trends in chemical concentrations over time. Moreover, the maximum concentrations of the upward trending chemicals are well below Crissy Field RAP cleanup levels.

These findings suggest that on-going quarterly groundwater monitoring for an additional 2.5 years is not necessary. Therefore, the Trust is proposing a reduced monitoring program of selected groundwater monitoring wells in the Building 900s Area for the remaining 2.5 years. The proposed future groundwater monitoring program is described in Section 6.2.

3.5 PROTECTIVENESS STATEMENT AND CASE CLOSURE SUMMARY FOR PETROLEUM SITES

Tables 3-1 through 3-3 provide summaries of the remedial actions taken to address known environmental issues at the Crissy Field RAP Area sites, petroleum sites, and historical records review sites. Appendices B and C include figures and data tables from reports as documentation of remedial actions that have been performed at Crissy Field RAP sites. Together, Tables 3-1 through 3-3 and the information in the appendices demonstrate that the requirements of the Crissy Field RAP have been substantially met for these sites within the Crissy Field RAP Area.

Task 12 of the RWQCB Order states that requests for closure certification are to include a case closure summary with confirmation sampling results to demonstrate compliance with the Order. Table 3-2 is intended to serve as the Case Closure Summary for petroleum sites addressed in the Crissy Field RAP Area. The Case Closure Summary for FDS lines is included in Table 3-1.

As shown in Tables 3-1, 3-2, 3-3, and 3-4, the available data demonstrate that the implemented remedies at the Crissy Field Area have substantially achieved the level of cleanup and protection specified in the Crissy Field RAP for all exposure pathways, including recreational and terrestrial receptors within the Crissy Field Area and aquatic receptors at the Crissy Field wetlands. As such, with the exception of groundwater monitoring in the Building 900s Area discussed in Section 6.2, no further response actions are needed to protect human health or the environment within the Crissy Field Operable Unit.

4. ASSESSMENT FOR UNRESTRICTED USE

The available soil data from the remedial investigation, other investigation data, and verification sampling that are representative of concentrations remaining in residual soil at the Crissy Field Area after implementation of the Crissy Field RAP were compared with the residential cleanup levels in the Presidio-wide Cleanup Level document for non-petroleum constituents (EKI, 2002) and the Order for petroleum hydrocarbons and related constituents. A similar comparison was made for groundwater concentrations with drinking water maximum contaminant levels (“MCLs”). These cleanup levels are included as Appendix A.

This section discusses the results of the comparisons to residential land use cleanup levels and presents an assessment of unrestricted land use. Crissy Field RAP sites, petroleum sites, and historic records review sites are each discussed below. For those sites that require a land use restriction, the process to implement such restrictions is discussed in Section 6.3

4.1 CRISSY FIELD RAP SITES

As indicated in Table 3-1, chemical concentrations at the following list of sites are less than the residential cleanup levels, and thus were found to meet unrestricted use standards, including residential. The jurisdictional area of the site (Area A or B) is noted in parentheses.

- East of Mason (Area A);
- Fill Site 7 (Area A);
- Building 640/643 Area (Area B);
- Former Buildings 901 through 919 (former Crissy Field barracks) (Area A);
- Building 924 Firing Range (Area B);
- Building 950 Area (Area A);
- Building 979 Area (Area A);
- Fuel Distribution System Line at Crissy Field (Areas A and B);
- Removal of Tidal Marsh Storm Drains and Sediments (Area A);
- Contingency Sites:
 - Site 081898-1400 (Area A);
 - Site 092198-1030 (Area A);
 - Site 121898-1400 (Area A);

- Crissy Field Hydraulic Cylinders (Area A); and
- Site 020201-1000 (Area A).

As indicated in Table 3-1, chemical concentrations at the following sites are greater than the residential cleanup levels, and thus land use restrictions prohibiting residential land use or use of groundwater for potable supply are anticipated to be required. Again, the jurisdictional area of the site (Area A or B) is noted in parentheses.

- Crissy Field Rifle Institute and Skeet Ranges (onshore) (Area A);
- Building 923/937 Area (soil) (Area B);
- Building 923/937 (Groundwater) (Areas A and B); and
- Building 979 Area (Groundwater) (Area A).

As indicated in Table 3-1, analytical data are not available for the following sites:

- Contingency Sites:
 - Possible UXO (unexploded ordnance) (Area A);
 - Small Riveted-Steel Tanks (Area A); and
 - Potential FDS Line (Area A).

Although no data are available to evaluate if a land restriction is required, assessment of these contingency sites (e.g., possible UXO, tanks, FDS line) was resolved without the need for sampling. There is no reason to believe chemicals would be present that would require a land use restriction. Therefore, no land use restrictions are applicable to these sites.

4.2 PETROLEUM SITES

As indicated in Table 3-2, chemical concentrations at the following petroleum tank sites are less than the residential cleanup levels, and thus were found to meet unrestricted use standards, including residential. Again, the jurisdictional area of the site (Area A or B) is noted in parentheses.

- 933.1, 933.2, 933.3, 933.4, and 933.5 (Area A);
- 937.3 (Area A);
- 976.1 and 976.2 (Area A); and
- 979.1, 979.2, 979.3, 979.4, 979.5, 979.6, and 979.7 (Area A).

As indicated in Table 3-2, a land use restriction limiting residential land use is anticipated to be required for the following list of sites:

- 923 (Area B);
- 924.1 and 924.2 (Area B);
- 926.1, 926.2, 926.3, 926.4, and 926.5 (Area B);
- 930.1 and 930.2 (Area B);
- 931 (Area B);
- 934 (Area B); and
- 937.1, 937.2, and 937.H (Area B).

As indicated in Table 3-2, chemical concentrations measured in samples from tank sites 937.1 and 937.2 are greater than the residential cleanup levels; therefore, a land use restriction prohibiting residential use at these sites will be implemented. Although chemical data from samples collected at tank sites 930.1, 930.2, 931, 934, and 937.H are less than the applicable residential cleanup levels, these sites are located in the Building 923/937 Area where chemicals are present above residential cleanup levels. Therefore, a land use restriction prohibiting residential use at these sites will be implemented. Similarly, no chemical data specifically for tank sites 923, 924.1, 924.2, 926.1, 926.2, 926.3, 926.4, and 926.5 are available, and there is no reason to believe these sites contain chemicals above residential cleanup levels. However, these sites are also located in the Building 923/937 Area. Therefore, a land use restriction prohibiting residential use at these sites will be implemented.

In addition, in 1998, the Army backfilled the excavation at the northeastern corner of Building 937 with low temperature thermal desorption (“LTTD”) treated soil to a depth of approximately 1.5 feet bgs. The remaining portion of the excavation was filled with imported aggregate base and finished with concrete. In accordance with the Order, this area will be included in the Trust’s LTTD soil tracking program.

4.3 HISTORIC RECORDS REVIEW SITES

As indicated in Table 3-3, none of the historic records review sites are considered to be an environmental concern. No further action is recommended for all of these sites. Land use restrictions are only recommended for the historical records review sites that fall within the boundaries of other areas that will have land use restrictions. These sites include former Building 675 (Crissy Field Rifle Institute and Skeet Ranges), which is located in Area A, and Former Building 922, Former Building 928, Former Old

Building 942, Building 942 (Building 923/937 Area), which are located in Area B. Land use restrictions should not be necessary at the remaining historical records review sites (Former Buildings 233, Former Building 251, Former Building 901 Area, Former Building 904, Former Building 908, Former Building 909, Former Building 938, Former Building 947/965, Former Building 974 Area, Former Building 979 Area, Former Building 981, and Former Building 982) because these sites are not believed to contain chemicals of concern above residential cleanup levels.

5. REQUEST FOR CONSTRUCTION COMPLETION AND SITE CLOSURE CERTIFICATION

Table 5-1 lists the individual sites within the Crissy Field Area that the Trust is requesting the DTSC and RWQCB to certify. The Crissy Field RAP was approved by the DTSC. Section 5.16 of the Consent Agreement between the Trust, NPS, and DTSC, dated 30 August 1999, identifies the requirements for regulatory certification that a site is adequately remediated (DTSC, 1999a). Task 12 of the Order also requires a case closure summary for each site. This Completion Report is intended to provide the necessary documentation for such regulatory certification from both DTSC and RWQCB.

As shown in Section 4 and Appendix C, the data indicate that most of the sites meet residential human health cleanup levels. These sites are identified with a “Yes” in the “Unrestricted Use” column of Table 5-1. The column titled “Construction Completion” identifies the sites where remedial actions have been completed.

The three DTSC columns are certification statements from DTSC’s Official Policy/Procedure guidance for Remedial Action Certification (DTSC, 1989). The three classes of site certifications from the DTSC guidance are as follows: (1) sites where remedial actions have been implemented and no further action is required; (2) sites where after investigation or site characterization no remedial actions were required; and (3) sites where remedial actions have been implemented and ongoing monitoring is required. The Trust has marked the column in Table 5-1 that matches the Trusts understanding of the appropriate certification statement wording for each site.

In the RWQCB column, sites within RWQCB jurisdiction are identified for closure certification with no further action.

This document requests DTSC and RWQCB’s certification for unrestricted land use, including residential, for the sites within the Crissy Field Area indicated in Table 5-1. Further, as indicated in Table 5-1, the Trust is requesting that DTSC provide for each marked site a Letter of Construction Completion, as appropriate, and a Letter of Closure Certification. This Implementation Report also formally requests Closure Certification with No Further Action from the RWQCB for the sites identified in Table 5-1, consistent with Task 12 of the Order.

For the convenience of the DTSC and RWQCB, Table 5-1 has a signature line for each agency, to formally confirm these certifications after its review of this document. The

Trust requests that the DTSC and RWQCB review, and, if satisfactory, sign and return a copy of Table 5-1 to the Trust to confirm that the requested certifications listed above have been accepted by the appropriate regulatory agencies.

Remaining actions at Crissy Field sites are identified in the Section 6.

6. IDENTIFICATION OF FUTURE ACTIONS

6.1 WAIVER OF FIVE-YEAR STATUS REPORT FOR CLOSED AND NO FURTHER ACTION SITES

For the sites identified for closure certification and no further action in Table 5-1, the Trust requests that the requirements for a Five-Year Status Report, described in Section 5.14 of the Consent Agreement and in Task 13 of the Order, be waived. After receipt of the closure certifications, the Trust will properly decommission remaining groundwater monitoring wells in the Crissy Field Area that are not identified for further work.

The Trust will continue to perform Five-Year Reviews for the ongoing groundwater monitoring described in Section 6.2

6.2 FUTURE ACTIONS

Ongoing groundwater monitoring at the Building 900s area (specifically, Building 923/937 Area and Building 979 Area) is the only necessary future action in the Crissy Field RAP Area. The RAP requires five years of monitoring to confirm that source removal was effective at reducing chemical concentrations to below the applicable saltwater aquatic standards. At this point, the Trust has completed approximately 2.5 years of monitoring.

Although groundwater monitoring has not been completed for the full five years required by the Crissy Field RAP, the data indicate that chemical concentrations are significantly less than the applicable cleanup levels to protect saltwater aquatic organisms. Moreover, COCs are not detected in groundwater samples from most of the wells. As such, the Trust recommends decreasing the groundwater monitoring frequency to annually in the five wells where an increasing trend has been observed (937GW35, 937GW102, 937GW106, 950GW108, and 979GW114) and in the associated “nested” wells (i.e., the cluster of 937GW35 and 950GW108; the cluster of 937GW101, 937GW102, and 937GW103; the cluster of 937GW106 and 937GW107; and the cluster of 979GW113 and 979GW114). The Trust also recommends ceasing the groundwater monitoring in all remaining Building 900s Area wells.

When five years of data for these four clusters has been collected (anticipated to be after the monitoring event in the summer of 2006), the Trust plans to review the groundwater

data. Assuming the groundwater data continue to meet the requirements of the RAP, the Trust will apply for closure certification for these remaining areas and destroy all the remaining groundwater monitoring wells once the closure certification is received.

6.3 LAND USE RESTRICTIONS

6.3.1 Introduction

For areas that do not meet unrestricted land use requirements, land use controls will be implemented. Land use controls are appropriate for sites where remedial actions achieve the cleanup levels for the land use designation identified in the Trust's PTMP (Trust, 2002) for Area B and, for Area A the NPS' GMPA (NPS, 1994) and the NPS Crissy Field Plan (Jones & Stokes, 1996), but do not achieve the more stringent residential cleanup level. The PTMP, the GMPA, and the Crissy Field Plan effectively act as zoning ordinances for land use in the Crissy Field Operable Unit 4.

6.3.2 Trust Area B Land Use Controls

The PTMP, in conjunction with the Area B Land Use Controls Master Reference Report ("LUCMRR") and Site-specific addenda to the LUCMRR, are being used to enforce land use controls or Land Use Covenants as defined by DTSC in Area B.

Land use controls, the primary institutional control that may be used at the Presidio, will be implemented by the Trust through its planning and project review programs² and with an Area B LUCMRR. Existing and planned land uses in Area B are guided by requirements set forth in the PTMP. In effect, the PTMP is the "zoning" document that establishes the designated land uses and associated applicable cleanup levels throughout Area B. Notwithstanding the PTMP, the Trust will prepare an Area B LUCMRR that will establish protocols for the general implementation and Presidio-wide enforcement of land use controls.

² The Trust's land use compliance process (i.e., project review programs) is a first step to insure that Trust staff are aware of known contamination in the vicinity of project sites with land use controls. The Trust's N² process is used for compliance with the National Environmental Policy Act ("NEPA"), the National Historic Preservation Act ("NHPA"), and other such regulations. Every project in Area B at the Presidio (e.g., fence post installation, tree trimming, native plant restoration, building renovation, and building demolition) is screened through the Trust's N² process. This review process can be used to alert Trust staff to known and remediated chemical release sites. In addition, for any Area B project involving excavation or subsurface work, the Trust requires a "dig permit." The Trust will also use the "dig permit" process to notify and require adherence by excavation project proponents of the LUC restrictions and requirements.

A site-specific addendum to the LUCMRR will be prepared to supplement the Area B LUCMRR³. These site-specific addenda will include a figure depicting the site location and area and will summarize the specific COCs encountered at a site, the actions taken to remediate the site, and the levels of COCs remaining at the site that required the implementation of land use controls. In addition, these site-specific addenda will discuss unallowed land uses at the site and any special requirements if residual chemicals or wastes are left in place in an inaccessible area (e.g., health and safety requirements if the area is disturbed in the future). Sites that require a site-specific addendum are identified in Table 5-1 with a “No” in the “Unrestricted Use” column.

This process will be followed as described above for sites in Area B that require a land use control.

6.3.3 NPS Area A Land Use Controls

Where necessary, land use controls will be implemented by the NPS in Area A through its federal government facility master plan, in accordance with 22 C.C.R. § 67391.1(e)(2) (allowing DTSC and the federal government to use other mechanisms to ensure that future land use will be compatible with the levels of hazardous substances which remain on the property). The GMPA and the Crissy Field Plan are the applicable federal facility master plans within the Area A portion of the Crissy Field Operable Unit 4. All of the remediation activities have met or exceeded the land use designations established in the GMPA and the Crissy Field Plan. The only portion of the Crissy Field Operable Unit 4 within Area A that did not achieve residential cleanup levels is the Rifle Institute and Skeet Ranges area (including associated former Building 675) along the shoreline. That area achieved the recreational cleanup standard that was established for the planned use of that area, consistent with the GMPA and the Crissy Field Plan. Compliance with the non-residential use requirement is met by the GMPA and the Crissy Field Plan. Residential use in that area is not authorized by the GMPA or the Crissy Field Plan (GMPA, pp. 88-93; Crissy Field Plan, pp. 2-2 to 2-28). These plans may not change without additional National Environmental Policy Act compliance, including public and regulatory input.

³ The Trust intends to add each site-specific addendum as an attachment to the Area B LUCMRR. As such, the LUCMRR will effectively be a “working document”, supplemented with additional information as it becomes available.

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TABLE 2-1
SITES ASSOCIATED WITH THE CRISSY FIELD RAP AREA

Presidio of San Francisco, California

Site	Site Description	Included in Crissy Field RAP ?	Included in this Implementation Report?	Program that Site has been or will be Addressed
• DEH Study Area	Metals and organic compounds in soil and groundwater	no (a)	no	Directorate of Engineering and Housing
• DEH Firing Range	Former firing range; No Further Action	yes	yes	Crissy Field RAP
• East of Mason	Pesticides in soil	yes	yes	Crissy Field RAP
• Fill Site 7 (soil)	Metals and organic compounds in soil	yes	yes	Crissy Field RAP
• Fill Site 7 (groundwater)	Metals and organic compounds in soil and groundwater; No Further Action	yes	yes	Crissy Field RAP
• Crissy Field Rifle Institute and Skeet Ranges (on-shore areas)	Firing range with metals and polycyclic aromatic hydrocarbons in soil	yes	yes	Crissy Field RAP
• Crissy Field Rifle Institute and Skeet Ranges (off-shore areas)	Firing range with metals and polycyclic aromatic hydrocarbons in sediments	no	no	Army (b)
• Building 207/231	Underground tanks; Petroleum hydrocarbons in soil and groundwater	no	no	Corrective Action Plan ("CAP") in the Petroleum Program
• Building 633 Firing Range	Firing range with lead in soil	no	no	Main Installation
• Building 637 Area	Underground tanks; Petroleum hydrocarbons in soil and groundwater	no	no	CAP in the Petroleum Program
• Machine Gun Butt Southeast of Building 637	Firing range with lead in soil	no	no	Firing Range Program
• Building 640/643 Area	Metals in soil	yes	yes	Crissy Field RAP
	Organic compounds in groundwater	no	no	CAP in the Petroleum Program

TABLE 2-1
SITES ASSOCIATED WITH THE CRISSY FIELD RAP AREA

Presidio of San Francisco, California

Site	Site Description	Included in Crissy Field RAP ?	Included in this Implementation Report?	Program that Site has been or will be Addressed
• Sewer Lift Station No. 1	Metals in soil	no	no	Main Installation
• Former Buildings 901 through 919 (former Crissy Field Barracks)	Metals and organic compounds in soil and groundwater	no	yes	Addressed by Army outside of Crissy Field RAP (c)
• Building 923/937 Area (Soil)	Underground tanks; Petroleum hydrocarbons and metals in soil	yes	yes	Crissy Field RAP
• Building 923/937 Area (Groundwater)	Underground tanks; Petroleum hydrocarbons in groundwater	yes	yes	Crissy Field RAP
• Building 924 Firing Range	Firing range with lead in soil	yes	yes	Crissy Field RAP
• Building 950 Area	Metals in soil	yes	yes	Crissy Field RAP
• Building 979 Area (Soil)	Underground tanks; Organics and petroleum hydrocarbons in soil	yes	yes	Crissy Field RAP
• Building 979 Area (Groundwater)	Underground tanks; Organics and petroleum hydrocarbons in groundwater	yes	yes	Crissy Field RAP
• Commissary/Post Exchange Study Area	Underground tanks; Petroleum hydrocarbons in soil and groundwater	no	no	CAP in Petroleum Program
• Fort Point U.S. Coast Guard Station	Underground tanks; Petroleum hydrocarbons in soil and groundwater	no	no	U.S. Coast Guard (b)
• Fuel Distribution System Lines	Underground fuel piping; Petroleum hydrocarbons in soil	no	yes; portions within Crissy Field Project	Petroleum Program
• Lead-based Paint in Soil near Existing Buildings within the Crissy Field Project Area	Lead in soil	no	no	Lead-Based Paint Program
• Sediment in Storm Drains	Metals and organics in storm drain sediments	no	yes	Addressed by Trust outside of Crissy Field RAP (c)

TABLE 2-1
SITES ASSOCIATED WITH THE CRISSY FIELD RAP AREA

Presidio of San Francisco, California

Site	Site Description	Included in Crissy Field RAP ?	Included in this Implementation Report?	Program that Site has been or will be Addressed
• Building 611 Area	Transformer storage area	no	no	Main Installation
• Contingency Sites	Sites encountered during restoration activities	yes (d)	yes	Crissy Field RAP
- Site 081898-1400	Odorous and discolored soil encountered during restoration activities	(d)	yes	Crissy Field RAP
- Site 092198-1030	Odorous and discolored soil encountered during restoration activities	(d)	yes	Crissy Field RAP
- Site 111098-1100	Odorous soil encountered during restoration activities	(d)	yes	CAP in the Petroleum Program
- Site 121898-1430	Odorous and discolored soil encountered during wetlands construction	(d)	yes	Crissy Field RAP
- Crissy Field Hydraulic Cylinders	Hydraulic cylinders encountered during restoration activities	(d)	yes	Crissy Field RAP
- Possible Unexploded Ordnance ("UXO")	Possible projectile or UXO encountered during restoration activities	(d)	yes	Crissy Field RAP
- Small Riveted-Steel Tanks	4 small riveted-steel tanks encountered within footprint of marsh	(d)	yes	Crissy Field RAP
- Potential FDS Line	Potential FDS line encountered during restoration activities	(d)	yes	Crissy Field RAP
- Site 171199-1100	Petroleum odors were observed at water seeps entering wetlands	(d)	yes	CAP in the Petroleum Program
- Site 020201-1000	Yellow-orange to red stains observed on the banks of the wetlands	(d)	yes	Crissy Field RAP

TABLE 2-1
SITES ASSOCIATED WITH THE CRISSY FIELD RAP AREA

Presidio of San Francisco, California

Site	Site Description	Included in Crissy Field RAP ?	Included in this Implementation Report?	Program that Site has been or will be Addressed
<ul style="list-style-type: none"> Petroleum Tank Sites Within Crissy Field RAP Area 	Environmental impacts associated with petroleum tanks	no	yes	Petroleum Program
<ul style="list-style-type: none"> Historical Records Review Sites within Crissy Field RAP Area 	Sites identified by Army as potential locations of environmental impact	no	yes	(e)

Notes:

- (a) Sites not included in the Crissy Field Remedial Action Plan ("RAP") or the Army's associated Memoranda for the Record have been, or are being, addressed through separate cleanup decision documents or remediation programs.
- (b) Entity listed is responsible for remediation of chemical release site.
- (c) Site is not explicitly included in the Crissy Field RAP, but the Army agreed to address the site in Memoranda for the Record (Army, 1998e, 1998f, 1998g, and 1998h).
- (d) Contingency sites as a category were included in the Crissy Field RAP, but no specific sites were known until they were encountered during restoration activities.
- (e) The Historical Records Review sites are generally being addressed in Operable Unit 6, Miscellaneous Sites. However, this document includes those Historical Records Review sites that fall within the footprint of the Crissy Field RAP Area.

TABLE 3-1
Summary of Crissy Field RAP Sites Remedial Actions (a)
Presidio of San Francisco, California

TABLE 3-1

Site Name (b)	Description of Remedial Actions	Variations from Work Plan or RAP	Summary of Results (c)	Comparison to Residential Cleanup Levels	Future Work at the Site	References
East of Mason Area	The East of Mason (“EOM”) Area was used for administrative and general maintenance activities subsequent to its use as a firing range. In 1998, in accordance with the Crissy Field Remedial Action Plan (“RAP”), the Army excavated pesticide-impacted soil from the EOM Area. The Army excavated a total of 656 tons of soil, of which 253 tons were disposed of as a non-hazardous waste and 403 tons were disposed of as a non-RCRA hazardous waste. A total of 19 excavation sidewall and bottom verification soil samples were collected and analyzed for DDE, DDT, and chlordane. The excavation was not backfilled because the area was regarded as part of the Crissy Field wetlands restoration project (#23).	<p>The Crissy Field RAP and Work Plan only identified DDE and DDT as chemicals of concern at the EOM Area. However, the laboratory detected elevated concentrations of chlordane in the initial excavation verification soil samples. As such, the Army chlordane added to the list of chemicals of concern for the site (#23).</p> <p>In addition, a cleanup level for chlordane was not included Table 2-4 of the Crissy Field RAP. Therefore, the Army used the ecological risk-based sediment cleanup level of 0.007 mg/kg for chlordane, as identified in Table 3-1 of Appendix A of the RAP (#9).</p>	Remediation of the EOM Area was completed in general accordance with the Crissy Field RAP. All final verification soil samples were analyzed for DDE, DDT, and chlordane. DDE, DDT, and chlordane concentrations in all of the final verification soil samples were less than the Crissy Field RAP cleanup levels (#23).	Chemical concentrations in all excavation verification soil samples and remaining remedial investigation (“RI”) samples are less than the residential cleanup levels in the Presidio-Wide Cleanup Level document.	No further action at the East of Mason Area.	#4, #9, #18, #21, #23
Fill Site 7	<p>According to the Crissy Field RAP, Fill Site 7 contained dredged material from San Francisco Bay and debris from building demolition that was graded to form a landing strip and helipad. As required by the Crissy Field RAP, the Army conducted pre-remediation grid sampling to characterize the presence of selected metals (chromium, copper, lead, mercury, nickel, and zinc) in soil within the footprint of the planned wetlands. The Army collected and analyzed samples from 85 100-foot by 100-foot grids. Based on the results of this investigation, the Army identified 6 areas of concern that contained one or more of the metals above the Crissy Field RAP cleanup levels and/or above levels that would result in classifying the soil as a hazardous waste once it was excavated (#29). The Army performed step-out sampling to characterize the vertical and lateral extent of the metals in soil above cleanup levels or hazardous waste levels at these locations (#26). During the pre-remediation sampling, the Army identified 8 additional areas with elevated concentrations of petroleum hydrocarbons in soil. Fill Site 7 was remediated in 1998.</p> <p><u>Metals-Impacted Soil:</u> The Army excavated approximately 16,590 tons of soil from the 6 areas with metals-impacted soil (areas M1 through M6). In accordance with the Crissy Field RAP, the excavations extended to the pre-defined boundaries determined in the pre-remediation sampling (i.e., samples that did not contain metals above the Crissy Field RAP cleanup levels or hazardous waste levels). Approximately 2,357 tons of the soil was disposed of as a non-hazardous waste at a permitted, off-site facility (#26).</p> <p>(cont.)</p>	<p><u>Metals-Impacted Soil:</u> During the pre-remediation sampling, soil samples from boreholes FS07SB078D and FS07SB078E2 on the southern boundary of excavation area M4 contained zinc at 630mg/kg and 110 mg/kg, respectively, which exceed the cleanup level of 89 mg/kg. The Army extended this area of excavation M4 approximately 1 foot beyond these borehole locations, but did not extend the excavation further due to the presence of an active utility 1 to 3 feet south of the excavation, along Mason Street. The Army collected 4 composite soil samples along the utility corridor in the vicinity of excavation M4. Metals concentrations in these samples were less than the Crissy Field RAP cleanup levels (#26). The area with residual zinc concentrations above the Crissy Field RAP cleanup level is located under the scenic overlook for the wetlands.</p> <p>During the excavation activities, approximately 232 feet of an active 12-kilovolt (“kV”) electrical line and conduit was exposed in 3 of the 6 excavation areas (M1, M4, and M5). The Army collected 13 2-point composite soil samples from the soil underlying the electrical line and analyzed the samples for the selected metals. Four of the samples contained metals above the applicable cleanup levels and/or hazardous waste levels (#26). Once the 12-kV line was taken out of service to allow for the construction of the Crissy Field wetlands, the Trust removed the decommissioned electrical line, the associated conduit, and the underlying soil. The soil was disposed of as a non-RCRA hazardous waste at a permitted, off-site facility (#39).</p> <p>(cont.)</p>	<p>Remediation of Fill Site 7 was completed in general accordance with the Crissy Field RAP.</p> <p><u>Metals-Impacted Soil:</u> Chromium, copper, lead, mercury, nickel, and zinc were identified as the chemicals of concern. The Army and Trust excavated metals-impacted soil to pre-determined boundaries that did not contain these metals above the Crissy Field RAP cleanup levels or hazardous waste levels. The only area with residual zinc concentrations above its cleanup level was a narrow strip of soil between excavation M4 and the active utility corridor along Mason Street. The zinc cleanup level is based on background concentrations of zinc in soil because the ecological risk-based remediation goal was less than background levels. Given that the residual soil with zinc above the cleanup level is located under the scenic overlook for the wetlands, exposure to this soil by ecological receptors is not likely to occur.</p> <p><u>Petroleum-Impacted Soil:</u> For the petroleum areas, the Army selectively analyzed verification samples for petroleum hydrocarbons as fuel oil, gasoline, and diesel (“TPHfo,” “TPHg,” and “TPHd,” respectively); polycyclic aromatic hydrocarbons (“PAHs”); and volatile organic chemicals, depending on the nature of the petroleum hydrocarbons in each source area. Chemical concentrations in the verification soil samples were all less than the Crissy Field RAP cleanup levels, except for BaP in one verification soil sample.</p> <p>(cont.)</p>	<p>Chemical concentrations in all pre-remediation grid sampling locations that represent soil that is still present at Crissy Field (i.e., was not removed as part of remedial actions) and the wetland sediment verification samples are less than the residential cleanup levels in the Presidio-Wide Cleanup Level document. Three samples collected as part of the Army’s RI contained selected PAHs at concentrations that are slightly greater than the residential cleanup levels.</p> <p>Sample LF7SB35(0.0) contained total benzo(b,k)fluoranthene at a concentration of 0.361 mg/kg. The residential cleanup level for the individual PAHs, benzo(b)fluoranthene (“BbF”) and benzo(k)fluoranthene (“BkF”), is 0.27 mg/kg. The individual concentrations of these PAHs in sample LF7SB35(0.0) are likely less than the residential cleanup level. The 95% UCL of the average BbF and BkF concentrations are 0.18 mg/kg and 0.12 mg/kg, respectively, which are less than the residential cleanup level.</p> <p>(cont.)</p>	No further action at the Fill Site 7 Area.	#3, #4, #5, #7, #21, #24, #26, #29,#33, #34, #39, #49

TABLE 3-1
Summary of Crissy Field RAP Sites Remedial Actions (a)
Presidio of San Francisco, California

TABLE 3-1

Site Name (b)	Description of Remedial Actions	Variations from Work Plan or RAP	Summary of Results (c)	Comparison to Residential Cleanup Levels	Future Work at the Site	References
Fill Site 7 (cont)	<p>The remaining 14,233 tons of soil was disposed of as a non-RCRA hazardous waste at a permitted, off-site facility. The excavations were not backfilled because the areas were further excavated and regraded as part of the Crissy Field wetlands restoration project.</p> <p><u>Petroleum-Impacted Soil:</u> The Army excavated approximately 127 tons of soil from the 8 areas with petroleum-impacted soil (test pits P1 through P8). The excavated soil was disposed of as a non-hazardous waste. A minimum of 4-sidewall and 1-bottom verification soil samples were collected from each petroleum excavation areas (#26). As above, the excavations were not backfilled because the areas were further excavated and regraded as part of the Crissy Field wetlands restoration project.</p> <p><u>Wetlands Confirmation Sampling:</u> In accordance with the Crissy Field RAP and a letter agreement from the Army (#5), the Trust collected sediment samples after construction of the wetlands to verify that residual metals concentrations were not present at levels that would pose a significant risk to ecological receptors (#5). In July 2001, the Trust collected sediment samples from 10 locations that coincided with obvious fill or the former metals excavations where elevated metals concentrations potentially remained, and provided a reasonably even distribution of sample locations around the wetlands (#49). The samples were analyzed for chromium, copper, lead, mercury, nickel, and zinc. Based on the zinc concentrations detected in one of the sediment samples, in July 2003, the Trust collected 4 additional samples in the area and analyzed those samples for zinc (#33).</p>	<p><u>Petroleum-Impacted Soil:</u> The bottom verification soil sample from test pit P7 (FS07035(5.0)A) contained benzo(a)pyrene (“BaP”) at a concentration of 0.78 mg/kg, which exceeds the Crissy Field RAP cleanup level of 0.30 mg/kg. This soil sample was collected from approximately 1 foot above the water table. The Army extended excavation P7 to the groundwater. The Army collected 4 sidewall samples near the base of the excavation. Benzo(a)pyrene concentrations in all sidewall samples from excavation P7 were below the Crissy Field RAP cleanup level. This area was further excavated as part of the wetlands restoration project.</p> <p><u>Wetlands Confirmation Sampling:</u> The Trust collected samples from 4 additional locations at Fill Site 7 in July 2003 because one of the sediment samples in the first round of sampling contained zinc above the Crissy Field RAP cleanup level of 89 mg/kg. Of the 4 additional samples, 3 contained zinc at concentrations that exceeded the Crissy Field RAP cleanup level (#33).</p>	<p>BaP concentrations in surrounding soil samples (collected 2 to 6 feet from this sample) were less than the cleanup level. Significant exposure to the residual BaP is not likely to occur due to the limited extent and the fact that this soil would have been excavated and relocation throughout the Crissy Field project area.</p> <p><u>Wetlands Confirmation Sampling:</u> Wetlands confirmation sediment samples were analyzed for chromium, copper, lead, mercury, nickel, and zinc. Only zinc exceeded the Crissy Field cleanup level. The cleanup level for zinc is based on potential risk to terrestrial receptors (i.e., the American robin). However, since the sediment samples were collected within the footprint of the Crissy Field wetlands, it would be more appropriate to compare the zinc data to the cleanup level for marine sediment, rather than the robin. Marine sediment cleanup levels are based on the protection of aquatic life, including plants, aquatic wildlife, and other aquatic organisms. The cleanup level for zinc in marine sediment in the Presidio-wide Cleanup Level Document is 214 mg/kg. Zinc concentrations exceed the marine sediment cleanup levels in samples collected from 2 different locations, CFMSS12 and CFMSS13. EKI calculated the 95% upper confidence limit (“UCL”) of the mean zinc concentration in the Fill Site 7 sediment samples to be 137 mg/kg, which is less than the marine sediment cleanup level. The Fill Site 7 data and this supplemental calculation show that elevated concentrations of metals do not remain at Fill Site 7.</p>	<p>BaP was detected at a maximum concentration of 0.056 mg/kg, slightly greater than the residential cleanup level of 0.027 mg/kg. The 95% UCL of the average BaP concentration is not meaningful because the detection limits on all of the samples are greater than the cleanup level (BaP was only detected in 2 out of 34 samples). Moreover, the soil at the two sample locations (LF7SB02(0.5) and LF7SB07(0.5)) has been relocated as part of the construction of the Crissy Field wetlands. Given that (1) these concentrations are so close to the cleanup level, (2) BaP was not detected in the vast majority of samples analyzed, and (3) the soil from these areas has been mixed with the surrounding soil and relocated to other parts of Crissy Field, the data suggest that the BaP concentrations in the soil from Fill Site 7 are less than the residential cleanup levels.</p> <p>Taken as a whole, the data for Fill Site 7 meet residential cleanup levels.</p>		
Crissy Field Rifle Institute and Skeet Ranges (on-shore)	<p>The Crissy Field Rifle Institute and Skeet Ranges were likely used from the 1940s through the early 1960s. In accordance with the Crissy Field RAP, the Army collected 2 soil samples within the skeet ranges and 2 soil samples on the periphery of the helipad and analyzed the samples for PAHs. The BaP concentration in one of the samples collected at the skeet ranges exceeded the Crissy Field RAP cleanup level (#29). Based on the results of this investigation and prior investigations, the Army identified 6 areas that contained visible skeet fragments, PAHs, or lead above the Crissy Field cleanup levels near the San Francisco Bay shoreline.</p> <p>(cont.)</p>	<p>The Army did not extend its excavation of the Crissy Field Rifle Institute and Skeet Ranges into the intertidal zone. The Army considered the intertidal zone “off-shore.” As such, portions of the northern sidewall contained PAHs or visible skeet above the Crissy Field RAP cleanup levels (#23). These areas were subsequently remediated by the Trust (#51).</p> <p>(cont.)</p>	<p>Remediation of the Crissy Field Rifle Institute and Skeet Ranges was completed in general accordance with the Crissy Field RAP. The pre-excavation characterization soil samples and the final verification soil samples were analyzed for PAHs, petroleum hydrocarbons, and lead. PAH, petroleum hydrocarbon and lead concentrations in all of the soil samples that defined the final excavation extents were less than the Crissy Field RAP cleanup levels (#23, #51). In addition, no visible skeet fragments were observed at the final extents of the excavations (#51).</p>	<p>PAH concentrations, particularly benzo(a)pyrene, in many verification soil samples collected at the Crissy Field Rifle Institute and Skeet Ranges exceed the residential cleanup levels included in the Presidio-Wide Cleanup Level Document. A land use control will have to be implemented to restrict residential use at the Crissy Field Rifle Institute and Skeet Ranges.</p>	<p>No further action at the Crissy Field Rifle Institute and Skeet Ranges.</p>	<p>#4, #9, #16, #17, #20, #21, #23, #27, #29, #32, #47, #51, #54, #55</p>

TABLE 3-1
Summary of Crissy Field RAP Sites Remedial Actions (a)
Presidio of San Francisco, California

TABLE 3-1

Site Name (b)	Description of Remedial Actions	Variations from Work Plan or RAP	Summary of Results (c)	Comparison to Residential Cleanup Levels	Future Work at the Site	References
Crissy Field Rifle Institute and Skeet Ranges (on-shore) (cont.)	<p>In 1998, the Army excavated 31,545 tons of soil from the Crissy Field Rifle Institute and Skeet Ranges and disposed of the soil as a non-hazardous waste at a permitted, off-site facility. A total of 132 excavation sidewall and bottom verification samples were collected and analyzed for PAHs and lead. The Army’s excavation limits were defined by verification samples where lead and PAH concentrations were less than the Crissy Field RAP cleanup levels, no visible skeet fragments were present, or site constraints prevented further excavation (i.e., the intertidal zone had been reached). For the excavations located roughly south of the current promenade, the excavation sidewalls were graded into the excavations and filled as part of the airfield construction. The excavations located roughly north of the current promenade were backfilled with approximately 17,300 tons of clean imported sand that was dredged from a shoal within San Francisco Bay. The RWQCB, National Park Service (“NPS”), and San Francisco Bay Conservation and Development Commission (“BCDC”) approved of the sand dredging and backfilling activities (#23, #32).</p> <p>The Memorandum of Agreement between the Trust and NPS (“Area A MOA”) required that the Trust remediate sites to the Mean Lower Low water level (“MLLW”) (#47). Therefore, in August 2000 and May 2001, the Trust performed two investigations to characterize the lateral and vertical extent of residual PAHs and visible skeet in the intertidal zone, i.e., the area between the Army’s excavation and the MLLW line (#51, #54). As part of the August 2000 investigation, the Trust identified areas that also contained petroleum hydrocarbons above applicable cleanup levels (#54).</p> <p>Based on the results of the investigations, in the summer of 2002, the Trust excavated 5 areas of concern to pre-defined limits where PAH or petroleum hydrocarbons were less than the applicable cleanup levels (#51). The Trust only collected confirmation samples in the excavation areas where the extent of the excavations could not be pre-defined due to refusal of the drill rig (i.e., in the riprap). The Trust excavated approximately 1,800 tons of soil from the intertidal zone at the site and disposed of the soil as a non-hazardous waste at a permitted, off-site facility. The excavations were backfilled with imported sand.</p>	<p>The Trust planned to excavate the 5 areas in intertidal with PAHs, visible skeet, or petroleum hydrocarbons to pre-defined limits because of the difficulty in collecting representative excavation verification samples in the dynamic beach environment (e.g., some of the excavations would be partially submerged during the excavation and wave action would cause sloughing). However, the extent of PAHs and petroleum hydrocarbons could not be pre-defined in 2 of the areas due to the presence of buried riprap. The Trust collected verification soil samples from these areas to document that soil containing PAHs or petroleum hydrocarbons above the applicable cleanup levels had been removed (#51).</p>				

TABLE 3-1
Summary of Crissy Field RAP Sites Remedial Actions (a)
Presidio of San Francisco, California

TABLE 3-1

Site Name (b)	Description of Remedial Actions	Variations from Work Plan or RAP	Summary of Results (c)	Comparison to Residential Cleanup Levels	Future Work at the Site	References
Building 640/643 Area	<p>The Army used the Building 640/643 Area for aircraft, vehicle, and electronic equipment maintenance. In accordance with the Crissy Field RAP, the Army collected a total of 4 shallow soil samples from the areas between Buildings 640 and 643 and behind Building 641 and analyzed the samples for cadmium, lead, silver, and zinc. Chemical concentrations in the 4 soil samples were less than the Crissy Field RAP cleanup levels (#29).</p> <p>Shallow soil south of Building 643 and in the courtyard between Buildings 640 and 643 contained cadmium, lead, silver, and zinc above cleanup levels in the Crissy Field RAP.</p> <p>In 1998, the Army excavated approximately 1,453 tons of non-RCRA hazardous waste soil from the site and disposed at a permitted, off-site facility. A total of 32 excavation sidewall and bottom verification soil samples collected and analyzed for the metals of concern. The Army backfilled the courtyard area with imported aggregate base and paved it with asphalt. The alley behind Building 643 was backfilled with aggregate base overlain by 1-foot of imported topsoil and re-vegetated with grass (#23).</p>	Soils with concentrations of zinc above the soil cleanup level of 89 mg/kg remain in place below foundation of Building 643 at two verification soil sampling locations (110 mg/kg at location 640EX025(2.0)2.0 and 180 mg/kg at location 640EX031(2.0)2.0). Additional excavation was not performed at these locations due to potential for structural damage to a designated historic building (#23).	<p>Remediation of the Building 640/643 Area was completed in general accordance with the Crissy Field RAP. Verification soil samples were analyzed for cadmium, lead, silver, and zinc. Cadmium, lead, and silver concentrations in the verification soil samples were all less than the Crissy Field RAP cleanup levels. Zinc concentrations were less than cleanup levels in all but two verification soil samples.</p> <p>The zinc cleanup level is based on background concentrations of zinc in soil because the ecological risk-based remediation goal was less than background levels. Given that the verification soil samples that contain zinc above the cleanup level are located under the foundation of a building, exposure to this soil by ecological receptors is not likely to occur.</p>	<p>Lead concentrations in two RI soil samples (643SS05 and 643SS06) that are remaining exceed the residential cleanup level of 400 mg/kg. Cadmium concentrations in two of the pre-remediation soil samples (640SS01(0.5) and 640SS02(0.5)) exceed the residential cleanup level of 1.7 mg/kg. Chemical concentrations in all excavation verification soil samples are less than the residential cleanup levels in the Presidio-Wide Cleanup Level document.</p> <p>EKI calculated the 95% UCL of the average cadmium and lead concentrations for data that are representative of soil remaining in place at the Building 640/643 Area (e.g., verification samples and RI soil samples that were outside the excavation footprint). The 95% UCLs for cadmium and lead are 0.69 mg/kg and 160 mg/kg, respectively, which are less than the residential cleanup levels of 1.7 mg/kg and 370 mg/kg, respectively. Therefore, taken as a whole, the data indicate that residential cleanup levels are met at the Building 640/643 Area.</p>	No further action at the Building 640/643 Area.	#4, #9, #15, #21, #23, #29
Former Buildings 901 through 919 (former Crissy Field barracks)	Former Buildings 901 through 919 were barracks. Other uses of selected buildings in the 901 through 919 cluster are described in Table 3-3. Although not explicitly included in the Crissy Field RAP, the Army agreed to perform soil sampling at Buildings 901 through 919 to assess the presence of lead in shallow soil due to flaking lead-based paint from the former buildings (#6). The Army collected one sample within the footprint of each of the former buildings and analyzed the samples for lead (a total of 19 soil samples). The maximum detected lead concentration was 140 mg/kg, which is less than the Crissy Field RAP cleanup level of 477 mg/kg (#29).	There were no variations from the RAP or Work Plan associated with this site.	Nineteen shallow soil samples were analyzed for lead. Lead concentrations in all of the soil samples were less than the Crissy Field RAP cleanup level of 477 mg/kg.	Lead concentrations in all soil samples are less than the residential cleanup level in the Presidio-Wide Cleanup Level document.	No further action at the Buildings 901 through 919.	#6, #21, #29

TABLE 3-1
Summary of Crissy Field RAP Sites Remedial Actions (a)
Presidio of San Francisco, California

TABLE 3-1

Site Name (b)	Description of Remedial Actions	Variations from Work Plan or RAP	Summary of Results (c)	Comparison to Residential Cleanup Levels	Future Work at the Site	References
Building 923/937 Area (Soil)	<p>The Army used the Building 923/937 Area for aircraft and vehicle maintenance, auto body work, recharging and draining batteries, solvent storage, transformer storage, painting, waste oil storage, fuel storage, and other activities involving the use of hazardous materials.</p> <p><u>Building 923/937 Soil:</u> In accordance with the Crissy Field RAP, the Army collected shallow soil samples at (a) 4 locations in the courtyard bounded by Buildings 933, 934, and 935; (b) 4 locations between Buildings 924 and 926 (2 of these samples were coincident with the firing line samples at Building 924 Firing Range and are addressed with that site—see below); (c) at 2 locations where soil staining was observed in aerial photographs; and (d) north of sample 900SS08, where polychlorinated biphenyls (“PCBs”) were previously detected. Chemical concentrations in the shallow soil samples were less than the Crissy Field RAP cleanup levels in all samples except sample 923SS01(0.5), which contained lead above its cleanup level of 477 mg/kg (#29).</p> <p>The Building 923/937 Area had 4 Excavation Areas: (1) northwest corner of Building 937; (2) south of Building 937; (3) a strip along the western side of Buildings 924 through 933; and (4) the courtyard bounded by Buildings 933, 934, and 935. The site had a fifth excavation area: the former underground storage tank (“UST”) area at the northeast corner of Building 937 (see below). In 1998, the Army excavated 1,386 tons of soil from the Excavation Areas 1 through 4 and disposed of the soil as non-RCRA hazardous waste at a permitted, off-site facility. Approximately 115 excavation sidewall and bottom verification soil samples were collected from these 4 excavations. The Army backfilled the excavations to original grade with imported soil (#23).</p> <p>(cont.)</p>	<p><u>Building 923/937 Soil:</u> Due to field observations of petroleum odors at Excavation Area 1 (northwest corner of Building 937), the Army added volatile organic chemicals (“VOCs”); TPHg; TPHd; TPHfo; semivolatile organic chemicals (“SVOCs”); and chromium and nickel to the verification sample analyte list. These analytes were also added to the verification sampling program for a small area of Excavation Area 3, where petroleum odors were noted after a rain storm. The Crissy Field Remedial Action Work Plan called for all verification samples from the Building 923/937 Area to be analyzed for PCBs. Based on review of the available data and site conditions, the Army analyzed verification samples for PCBs only from Excavation Area 1 and near the transformer pad in Excavation Area 3 (#23).</p> <p>Soil with concentrations of zinc above the soil cleanup level of 89 mg/kg remains in place below foundation of Building 924 at one verification soil sampling location (95 mg/kg at location 923EX087(0.5)4). Additional excavation was not performed at this location due to potential for structural damage to the building (#23).</p> <p>(cont.)</p>	<p>Remediation of the Building 923/937 Area was completed in general accordance with the Crissy Field RAP.</p> <p><u>Building 923/937 Soil:</u> Excavation Area 1 extended to the water table. Consistent with the Crissy Field Remedial Action Work Plan, no bottom verification samples were collected from this portion of the excavation. All other excavations were approximately 1.5 to 5 feet deep. Verification soil samples were analyzed for methylene chloride, cadmium, copper, lead, mercury, zinc, and other analytes as indicated in the previous column. Chemical concentrations in the verification soil samples were all less than the Crissy Field RAP cleanup levels, except zinc at location 923EX087(0.5)4.</p> <p>Like the Building 640/643 Area, the verification soil sample that contains zinc above the cleanup level is located under the foundation of a building. Exposure to this soil by ecological receptors is not likely to occur.</p> <p>(cont.)</p>	<p><u>Building 923/937 Soil:</u> Lead concentrations in 4 of the RI samples (900SS14, 900SS15, 900SS16, and 900SS21) that are believed to be representative of soil remaining in place at the Building 923/937 Area exceed the residential cleanup level of 400 mg/kg. Cadmium concentrations in 2 of the pre-remediation soil samples (923SS04(0.5) and 923SS12(0.0)) and 3 of the verification soil samples exceed the residential cleanup level of 1.7 mg/kg (923EX059(1.0)2, 923EX139(0.5) and 923EX140(0.5)). In addition, acetone and TPHg exceed the residential cleanup levels of 0.24 mg/kg and 1,030 mg/kg in 1 verification soil sample (923EX152(4.0)). Chemical concentrations in the remaining RI, pre-remediation, and verification soil samples are less than the residential cleanup levels in the Presidio-Wide Cleanup Level document.</p> <p>Given the relatively large number of samples (10) that have chemical concentrations that exceed residential cleanup levels, 95% UCLs were not calculated for the site. Rather, a land use control will have to be implemented to restrict residential use at the Building 923/937 Area.</p> <p>(cont.)</p>	No further action at the Building 923/937 Area (Soil) and Building 937 (Soil).	#4, #9, #10, #14, #21, #23, #29, #50, #53

TABLE 3-1
Summary of Crissy Field RAP Sites Remedial Actions (a)
Presidio of San Francisco, California

TABLE 3-1

Site Name (b)	Description of Remedial Actions	Variations from Work Plan or RAP	Summary of Results (c)	Comparison to Residential Cleanup Levels	Future Work at the Site	References
Building 923/937 Area (Soil) (cont.)	<p>Building 937 Soil: In accordance with the Crissy Field RAP, the Army performed source soil removal in the vicinity of the former USTs at the northeast corner of Building 937 (see Table 3-2 for additional information about the removal of the USTs and prior remedial actions). The Army also excavated soil from an additional area (suspected USTs and pump island, Tanks 933.1 through .5, Table 3-2) located approximately 150 feet east of Building 935. Prior to excavating the soil, the Army dismantled and removed the Unterdruck-Verdampfer Brunnen (“UVB”) groundwater remediation unit (a vacuum vaporizer well system) that was located at the northeast side of Building 937. They also decommissioned 5 monitoring wells, 8 piezometers, and the UVB well system (#23).</p> <p>In 1998, the Army excavated a total of 2,605 tons of soil from the Building 937 excavations and disposed of the soil as a non-RCRA hazardous waste. The Army collected approximately 33 verification soil samples from the two excavations. The UST excavation area was backfilled with low temperature thermal desorption (“LTTD”) treated soil to a depth of approximately 1.5 feet bgs. The remaining portion of the excavation was filled with imported aggregate base and finished with concrete. The suspected pump island excavation was backfilled with aggregate base to original grade (#23).</p>	<p>Building 937 Soil: The verification sample analyte list was supposed to include VOCs, petroleum hydrocarbons, and polycyclic aromatic hydrocarbons (“PAHs”). The list was expanded to include SVOCs, PCBs, and metals (cadmium, chromium, copper, lead, mercury, nickel, and zinc) because the Army thought the UST excavation area might extend into the excavation at the northwest corner of Building 937 (see above).</p> <p>Petroleum hydrocarbon or related constituent concentrations in verification soil samples adjacent to Building 937 (937EX007(7.5), 937EX008(7.5), and 937EX009(7.5)) exceeded cleanup levels for TPHg (1,690 mg/kg), TPHd (7,300 mg/kg), TPHfo (2,730 mg/kg), benzene (1 mg/kg), and/or toluene (14 mg/kg). Reporting limits for VOCs in these samples were also elevated due to the presence of petroleum hydrocarbons in the soil. The excavation was not expanded due to the potential for structural damage to the building. In addition, verification soil sample 937EX038(8.0) contained zinc at 94 mg/kg, which slightly exceeds the cleanup level of 89 mg/kg. The excavation was not expanded in this area, presumably because zinc was not identified as a chemical of concern at this site (#23).</p> <p>At the request of DTSC, in May 2002, the Trust performed additional soil and groundwater sampling in the Building 937 source area to assess whether free-phase hydrocarbons were present in the former UST source area (#50). The Trust collected 6 soil samples from 3 locations within the footprint of the Army’s excavation and within the smear zone (i.e., where the water table fluctuates up and down seasonally, spreading petroleum hydrocarbons that were historically released from the former USTs). Groundwater data are discussed below. TPHg, TPHd, and TPHfo were detected above the cleanup levels in 3 of the 6 soil samples (937SB101[8.0], 937SB101[12.0], and 937SB102[9.0], which are located closest to the building). Benzene, toluene, ethylbenzene, and xylenes (“BTEX”) were not detected or concentrations or were below the applicable cleanup levels. No free-phase hydrocarbons were observed at any of the sampling locations (#50).</p>	<p>Building 937 Soil: The excavation in the UST area extended to the water table (8 feet bgs). The suspected pump island excavation extended to 4 feet bgs. Consistent with the Crissy Field Remedial Action Work Plan, no bottom verification samples were collected from excavations that extended to groundwater. Verification samples were analyzed for an expanded analyte list, as indicated in the previous column. Chemical concentrations in the verification soil samples were all less than the Crissy Field RAP cleanup levels, except those collected adjacent to the northeast corner of Building 937, which contained elevated concentrations of petroleum hydrocarbons and related constituents, and sample 937EX038(8.0), which contained zinc.</p> <p>Although petroleum hydrocarbons and related constituents remain in soil adjacent to and under the northeast corner of Building 937, the remedial actions achieved the Crissy Field RAP objective of source soil removal. Soil sampling by the Trust in 2001 confirmed that free-phase hydrocarbons are not present in the source area. Moreover, the residual concentrations should not pose a significant risk to building occupants based on vapor intrusion into indoor air or direct contact. The RWQCB Environmental Screening Level (“ESLs”) based on indoor air exposures for commercial / industrial workers at a target cancer risk of 10⁻⁵ or hazard index of one (1) are 5 mg/kg for benzene and 420 mg/kg for toluene. The corresponding values for recreational visitors would be less stringent because their exposure would be less frequent. Direct contact is not a complete exposure pathway because the impacted soil is inaccessible due to its location under a historic building.</p> <p>The verification sample with zinc at 94 mg/kg was collected from 8 feet bgs; as such, this residual zinc should not pose an adverse risk to ecological receptors because of its depth and isolated occurrence.</p>	<p>Building 937 Soil: Petroleum hydrocarbons and related constituents remain in soil at and under the northeast corner of Building 937 at concentrations that exceed residential cleanup levels (locations 937EX007(7.5), 937EX008(7.5), and 937EX009(7.5)). Additional chemicals that exceed residential cleanup levels include methylene chloride, acetone, and benzo(a)pyrene; these chemicals were detected above cleanup levels at the same locations as the petroleum hydrocarbons. Verification sampling results from 11 of interim removal action samples that may be representative of soil remaining in place also indicate that residual chemical concentrations (e.g., acetone, ethylbenzene, toluene, and xylenes) at the northeast corner of Building 937 exceed residential cleanup levels. A land use control will have to be implemented to restrict residential use at Building 937. No land use control is necessary for the former pump island excavation area located southeast of Building 937.</p>		

TABLE 3-1
Summary of Crissy Field RAP Sites Remedial Actions (a)
Presidio of San Francisco, California

TABLE 3-1

Site Name (b)	Description of Remedial Actions	Variations from Work Plan or RAP	Summary of Results (c)	Comparison to Residential Cleanup Levels	Future Work at the Site	References
Building 923/937 (Groundwater)	<p>The Army used the Building 923/937 Area for aircraft and vehicle maintenance, auto body work, recharging and draining batteries, solvent storage, transformer storage, painting, waste oil storage, fuel storage, and other activities involving the use of hazardous materials. As a result of these activities, groundwater north of Building 937 was impacted with petroleum hydrocarbons and related constituents and chlorinated VOCs.</p> <p>In accordance with the Crissy Field RAP, the Army decommissioned 38 monitoring wells in 1998 to facilitate the restoration activities at Crissy Field (#31). The remaining monitoring wells were sampled regularly by the Army and subsequently by the Trust until the Trust installed a network of 18 replacement monitoring wells in 2001 and 2002 (#50). The objective of the monitoring is to confirm that source removal actions at Building 937 were effective at reducing chemical concentrations below cleanup levels that are protective of saltwater aquatic life in San Francisco Bay.</p> <p>The Trust has performed quarterly monitoring of these wells since August 2001. All of the wells, except wells 937GW108 and 979GW111R, have been monitored for 10 events through December 2003 (i.e., 2.5 years). Well 937GW108 is located at the former Building 937 source area. Groundwater samples are analyzed for VOCs and petroleum hydrocarbons. The primary chemicals detected in groundwater include tetrachloroethene (“PCE”), trichloroethene (“TCE”), c-1,2-dichloroethene (“c-1,2-DCE”), t-1,2-dichloroethene (“t-1,2-DCE”), vinyl chloride (“VC”), BTEX, TPHg, TPHd, and TPHfo. These chemicals are identified as the chemicals of concern (“COCs”) in groundwater in the Building 900s Area. Chemical concentrations in all groundwater samples collected from the entire Building 900s Area are less than the cleanup levels that are protective of saltwater aquatic life in San Francisco Bay (#48).</p>	<p>The field sampling plan called for monitoring well 979GW111 to be screened in the shallow groundwater zone (#34). However, the ground surface in the vicinity of well 979GW111 had been raised as part of the Crissy Field restoration project and the well was dry when it was initially installed. Monitoring well 979GW112, which was intended to be an intermediate groundwater zone well at the same location, was actually screened in the shallow groundwater zone. In May 2002, the Trust installed a replacement well (979GW111R) that was screened in the intermediate groundwater zone. As such, the intermediate zone at location 979GW111R has been sampled 7 times since June 2002.</p> <p>At the request of DTSC, in May 2002, the Trust installed an additional well, 937GW108, in the former Building 937 source area (#50). This well has been sampled 6 times since June 2002.</p>	<p>Groundwater monitoring in the Building 900s Area has been performed in general accordance with the Crissy Field RAP. The RAP requires 5 years of monitoring to confirm that source removal was effective at reducing chemical concentrations to below the applicable saltwater aquatic standards. At this point, the Trust has completed 2.5 years of monitoring.</p> <p>Chemical concentrations in all groundwater samples collected from the entire Building 900s Area have been less than the cleanup levels that are protective of saltwater aquatic life in San Francisco Bay (#48). The COCs were not detected in over 70% of the groundwater samples. The Trust performed a trend analysis using the Mann-Kendall non-parametric test (Gilbert, 1987) for wells with detected COCs. Results of the trend analysis are included in Table 3-4. Almost all of the wells and analytes exhibited a stable or decreasing trend in chemical concentrations over time. The wells that were stable (i.e., exhibited no trend) generally had only one or two detections, thereby limiting the ability to observe trends. Five of the wells exhibited a trend of increasing concentrations of selected VOCs as a function of time:</p> <ul style="list-style-type: none">• 937GW35 TCE• 937GW102 1,2-DCE and VC• 937GW106 1,2-DCE• 950GW108 1,2-DCE• 979GW114 1,2-DCE <p>Although groundwater concentrations of these chemicals may be increasing with time, the maximum detected concentrations are significantly less than the applicable cleanup levels (e.g., the maximum detected vinyl chloride concentration in well 937GW102 was 37 µg/L and the cleanup level for protection of saltwater aquatic organisms is 525 µg/L).</p>	<p>VOC concentrations in groundwater at several locations in the Building 900s Area exceed drinking water standards (Maximum Contaminant Levels or MCLs). As such, a land use control will have to be implemented to restrict use of groundwater for potable supply at the Building 900s Area.</p>	<p>Although groundwater monitoring has not been completed for the full 5 years, as required by the Crissy Field RAP, the data indicate that chemical concentrations are significantly less than the applicable cleanup levels to protect saltwater aquatic organisms. Moreover, COCs are not detected in groundwater samples from most of the wells.</p> <p>As such, the Trust recommends stopping groundwater monitoring in the wells with data that exhibit a stable or decreasing trend and reducing the monitoring frequency for the other wells. Specifically, the Trust recommends decreasing the groundwater monitoring frequency to annually in the 5 wells where an increasing trend has been observed and in the associated “nested” wells (i.e., wells 937GW35 and 950GW108; 937GW101, 937GW102, and 937GW103; 937GW106 and 937GW107; and 979GW113 and 979GW114).</p> <p>(cont.)</p>	#9, #21, #31, #34, #48, #50

TABLE 3-1
Summary of Crissy Field RAP Sites Remedial Actions (a)
Presidio of San Francisco, California

TABLE 3-1

Site Name (b)	Description of Remedial Actions	Variations from Work Plan or RAP	Summary of Results (c)	Comparison to Residential Cleanup Levels	Future Work at the Site	References
Building 923/937 (Groundwater) (cont.)						The Trust also recommends stopping the groundwater monitoring in all remaining Building 900s Area wells.
Building 924 Firing Range	<p>The Army used the Building 924 Firing Range between the late 1930s and early 1940s. The bluffs west of Building 924 served as the target butt.</p> <p>In accordance with the Crissy Field RAP, the Army collected 3 shallow soil samples from the firing line area and analyzed the samples for copper, lead, and zinc. One soil sample (923SS08(0.5)) contained zinc at 1,000 mg/kg, which exceeds the Crissy Field RAP cleanup level of 89 mg/kg (#29). Chemical concentrations in the other soil samples were less than the Crissy Field RAP cleanup levels.</p> <p>Two areas of concern were identified at the Building 924 Firing Range: the hillside, which was the backstop for the firing range, and the firing line area. The hillside area also included a small arms discharge unit. Chemicals in soil at the Building 924 Firing Range that exceeded the Crissy Field RAP cleanup levels included copper, lead, and zinc.</p> <p>In 1998, the Army excavated 1,642 tons of soil from the two excavation areas and disposed of the soil as non-RCRA hazardous waste at a permitted, off-site facility. The Army collected 23 excavation sidewall and bottom verification soil samples from the 2 excavations. The Army backfilled the hillside excavation with aggregate base and clean, serpentine-derived soil imported from the Presidio golf course clubhouse area. The firing line excavation was backfilled with aggregate base and then re-paved with asphalt to match original ground surface (#23).</p>	There were no variations from the RAP or Work Plan associated with this site.	Remediation of the Building 924 Firing Range was completed in general accordance with the Crissy Field RAP. Verification soil samples were analyzed for copper, lead, and zinc. Chemical concentrations in all verification soil samples were less than the Crissy Field RAP cleanup levels.	Chemical concentrations in all remaining site investigation, pre-remediation, and verification soil samples are less than the residential cleanup levels in the Presidio-Wide Cleanup Level document.	No further action at the Building 924 Firing Range.	#4, #9, #13, #21, #23, #29

TABLE 3-1
Summary of Crissy Field RAP Sites Remedial Actions (a)
Presidio of San Francisco, California

TABLE 3-1

Site Name (b)	Description of Remedial Actions	Variations from Work Plan or RAP	Summary of Results (c)	Comparison to Residential Cleanup Levels	Future Work at the Site	References
Building 950 Area	<p>The 4 former buildings in the Building 950 were used for storage of materials, vehicles, equipment, and potentially drums. Petroleum, oil, lubricants, and other chemicals were stored in Building 950. The area was also used for sandblasting activities.</p> <p>In accordance with the Crissy Field RAP, the Army collected surface soil samples from 6 locations within the footprint of former Building 974 and analyzed the samples for cadmium, copper, lead, and zinc. Selected metals concentrations exceeded Crissy Field RAP cleanup levels in 3 of the 6 samples. Soil samples (974SS01(0.0), 974SS04(0.0), and 974SS05(0.0)) contained zinc at concentrations ranging from 130 mg/kg to 450 mg/kg, which exceed the Crissy Field RAP cleanup level of 89 mg/kg. Soil sample 974SS04(0.0) also contained lead and copper above the Crissy Field RAP cleanup levels of 477 mg/kg and 88 mg/kg, respectively (#29).</p> <p>Based on the results of this sampling and the prior sampling, the area of concern identified by the Army in the Building 950 Area extended across the footprints of former Buildings 949, 950, 973, and 974 (#4). As described in the Crissy Field RAP and Work Plan, implementation of the remedial actions in the Building 950 Area was also intended to satisfy the requirements for closure of a RCRA storage facility (#9, #4).</p> <p>In 1998 through early 1999, the Army excavated 34,041 tons of soil from the Building 950 Area, which extended significantly further north, west, and east than originally anticipated by the Army. The excavation depth ranged from 1 to 8 feet bgs. The Army disposed of the soil as non-RCRA hazardous waste at a permitted, off-site facility. The Army collected approximately 300 sidewall and bottom verification samples. The Army backfilled the hillside slope on the western side of the excavation with structural fill to 12 to 18 inches below final grade. The hillside was finished with a serpentinite-rich soil to match pre-construction conditions (#23). The balance of the excavation was not backfilled by the Army because of the area was backfilled and regraded as part of the Crissy Field restoration project.</p>	<p>During the excavation of Fuel Distribution System (“FDS”) piping near the Buildings 950 Area excavation, the Army discovered possible unexploded ordinance (“UXO”). Remediation work was stopped until the San Francisco Bomb Squad removed the UXO and the Work Plan was amended to include a UXO safety and avoidance plan (#23). No other UXO or possible UXO was found in the Building 950 Area.</p> <p>Due to the steep nature of the hillside at the northwestern boundary of the excavation, the Army pre-characterized the extent of chemicals of concern by performing step-out sampling, rather than collecting confirmation samples. The excavation was extended to the locations with metals concentrations below the Crissy Field RAP cleanup levels at all locations, except one area near soil sample 950EX202(2.0)20. The zinc concentration in this sample was 160 mg/kg, which exceeds the cleanup level of 89 mg/kg. The excavation was not extended in this area because (1) the zinc concentrations in the adjacent step-out sample locations down slope and north and south of this sample were reportedly all below the zinc cleanup level, (2) excavation beyond this area would have required excavation into bedrock, (3) the Army was concerned about the stability of the hillside, and (4) a historic stone wall would have been removed (#23).</p> <p>One verification soil sample collected from the floor of the excavation near the central portion of the northern sidewall (950EX377(3.0)) contained zinc at a concentration of 96 mg/kg, which exceeds the cleanup level of 89 mg/kg.. Prior to validation of the data, this sample was reported by the laboratory to contain 83 mg/kg; however, the concentration was adjusted upward to 96 mg/kg to report the concentration as a function of the dry weight of the sample. The excavation area was backfilled as part of the construction of the promenade for the Crissy Field restoration project before the validation results were received (#23).</p>	<p>Remediation of the Building 950 Area was completed in general accordance with the Crissy Field RAP. Verification soil samples were analyzed for cadmium, copper, lead, and zinc. Cadmium, copper, and lead concentrations in the verification soil samples were all less than the Crissy Field RAP cleanup levels. Zinc concentrations were less than cleanup levels in all but two verification soil samples.</p> <p>As discussed previously, the zinc cleanup level is based on background concentrations of zinc in soil because the ecological risk-based remediation goal was less than background levels. Verification soil sample 950EX377(3.0) is located under the bay front promenade; therefore, exposure to this soil by ecological receptors is not likely to occur. Similarly, the other verification soil sample with zinc above the cleanup level (950EX202(2.0)20 is present 2 feet below ground surface and is reportedly surrounded by samples with zinc concentrations that are less than the cleanup level, including the shallower sample at the same location. As such, significant exposure of ecological populations to the residual zinc at location 950EX202(2.0)20 is not likely to occur.</p>	Chemical concentrations in all verification soil samples and remaining remedial investigation soil samples are less than the residential cleanup levels in the Presidio-Wide Cleanup Level document.	No further action at the Building 950 Area.	#4, #9, #11, #21, #23, #29

TABLE 3-1
Summary of Crissy Field RAP Sites Remedial Actions (a)
Presidio of San Francisco, California

TABLE 3-1

Site Name (b)	Description of Remedial Actions	Variations from Work Plan or RAP	Summary of Results (c)	Comparison to Residential Cleanup Levels	Future Work at the Site	References
Building 979 Area (Soil)	<p>Building 979 was reportedly built in the early 1900s and served as a mine storage facility, and later as a vehicles maintenance building with a gas station.</p> <p>In accordance with the Crissy Field RAP and Work Plan, the Army performed a geophysical survey to locate crushed buried drum debris that was buried at the site and to investigate for the presence of additional buried drums or potentially hazardous debris. Based on the results of the geophysical survey, the Army excavated test pits 1a, 1b, 2, 3, 7, 8a, 8b, 9a, and 9b. Test pits 4, 5, and 6 were excavated at locations where USTs (976.1 at test pit 5 and 979.1 and 979.2 at test pit 6) or ASTs were previously located, or where previous releases were suspected to have occurred (test pit 4) (#23).</p> <p>Excavation of test pits 1a, 1b, 8a, 8b, 9a, and 9b revealed a series of connected underground reinforced concrete vaults that were filled with soil mixed with wood and metal debris, including 3 crushed metal drums. Test pit 1a contained a 55-gallon drum with approximately 5 gallons of suspected petroleum product. The Army removed and disposed of the materials in the concrete vaults, which extended to a depth of approximately 8 feet bgs. Test pits 2 through 7 were excavated to groundwater, which ranged from 8 to 11 feet bgs). The Army also removed a hydraulic hoist cylinder and the associated hydraulic fluid that was discovered in the footprint of former Building 979. The Army excavated a total of 1,145 tons of soil from the Building 979 Area in 1998. Approximately 476 tons of soil was disposed of as a non-RCRA hazardous waste at a permitted, off-site facility. The remaining soil was disposed of as a non-hazardous waste at a permitted, off-site facility (#23).</p> <p>No verification samples were collected underneath the concrete vaults because they appeared to be intact and in good condition (no observable staining or discoloration). One verification sample was collected in the soil underneath the 55-gallon drum and one at the bottom of the hydraulic hoist excavation. The Army collected 42 verification soil samples (a minimum of 4 sidewalls and 1 bottom sample per test pit) from the remaining test pits (#23). The Army backfilled test pits 5 and 6 with clean imported soil to facilitate the Army's removal activities at the adjacent Building 950 Area, which ultimately increased in size to include most of the Building 979 Area. The remaining test pits were not backfilled by the Army because the area was backfilled and regraded as part of the Crissy Field restoration project (#23).</p>	<p>As discussed above (Building 950 Area), remediation in the Building 979 area was interrupted by the discovery of possible UXO. No other UXO or possible UXO was found in the Building 979 Area.</p> <p>During excavation activities, the Army encountered a hydraulic hoist cylinder within the footprint of former Building 979. Removal of the hydraulic hoist and associated hydraulic fluid is described in more detail in Table 3-2 (Tank 979.7).</p> <p>The Army encountered underground concrete vaults at test pits 1a, 1b, 8a, 8b, 9a, and 9b. No verification samples were collected underneath the concrete vaults because soil was completely removed from inside the concrete vaults and the vaults appeared to be intact and in good condition (#23)</p> <p>For test pits 2, 3, and 7, the number of sidewall verification soil samples was reduced from 2 per wall to 1 per wall due to the small size of the excavations. The minimum sampling frequency was 1 sample per 13.5 linear feet. For excavations that extended to groundwater (test pits 2 through 7), the Army collected "bottom" samples from the soil-groundwater interface, rather than from the saturated zone (#23).</p>	Remediation of the Building 979 Area was completed in general accordance with the Crissy Field RAP. Verification soil samples were analyzed for VOCs; TPHg; TPHd; TPHfo; PAHs; pesticides; PCBs; and Title 22 metals. Chemical concentrations in all of the verification soil samples were either not detected or less than the Crissy Field RAP cleanup levels.	<p>Four soil samples (979EX043(7.0), 979EX014(7.5), 979EX032(7.0), and 979EX035(7.0)) contained BaP at concentrations ranging from 0.034 to 0.11 mg/kg, which are greater than the residential cleanup level of 0.027 mg/kg in the Presidio-Wide Cleanup Level document. Chemical concentrations in all remaining verification soil samples are less than the residential cleanup levels in the Presidio-Wide Cleanup Level document.</p> <p>The 95% UCL of the mean BaP concentration at the Building 979 Area is 0.027 mg/kg, which is equivalent to the residential cleanup level. Therefore, taken as a whole, the data for the Building 979 Area meet residential cleanup levels.</p>	No further action at the Building 979 Area (Soil).	#4, #9, #12, #21, #23, #29

TABLE 3-1
Summary of Crissy Field RAP Sites Remedial Actions (a)
Presidio of San Francisco, California

TABLE 3-1

Site Name (b)	Description of Remedial Actions	Variations from Work Plan or RAP	Summary of Results (c)	Comparison to Residential Cleanup Levels	Future Work at the Site	References
Building 979 Area (Groundwater)	See Building 923/937 Area (Groundwater).	See Building 923/937 Area (Groundwater).	See Building 923/937 Area (Groundwater).	See Building 923/937 Area (Groundwater).	See Building 923/937 Area (Groundwater).	See Building 923/937 Area (Groundwater).
Fuel Distribution System Line at Crissy Field	<p>The Army distributed fuel to individual buildings throughout the Presidio with its Fuel Distribution System. The Army removed FDS line at Crissy Field as part of its Presidio-wide FDS removal program (#25). FDS sections within the Crissy Field RAP area include MT-1, CF-1, CF-2, and CF-6 through CF-11. Final documentation for FDS sections CF-3, CF-4, and CF-12 will be provided in the Building 637 or the Commissary/PX Areas.</p> <p>The Army removed FDS line from all locations at Crissy Field, except for a small portion of FDS line on the south end of Building 640 that was abandoned in-place. Following FDS removal, soil samples were collected every 100 linear feet or where the FDS changed direction and analyzed for petroleum hydrocarbons, PAHs, and BTEX. In areas where FDS was abandoned in-place, soil samples were collected at the ends of the abandoned sections and at an interval of 1 sample per 50 linear feet. Areas requiring remedial excavation were sampled at a frequency of 2 samples per 15 linear feet (#25).</p> <p>FDS excavations were backfilled with low temperature thermal desorption (“LTTD”)-treated soil if the treated soil met the discharge criteria in RWQCB Order 96-070. In landscaped areas, LTTD soil was generally used to backfill excavations to a depth of 1.5 feet bgs; sand was used for the remaining backfill soil. In paved areas, LTTD soil was generally used to backfill excavations to the bottom of the base rock (#25).</p>	<p>Petroleum hydrocarbon, PAH, and BTEX concentrations were less than the applicable cleanup levels in all of the FDS sections within the Crissy Field Area (MT-1, CF-1, CF-2, and CF-6 through CF-11), except an area at the western end of FDS section CF-7 (#25). Two verification soil samples collected at depths of 6 and 8 feet bgs (CF07003W07(6.0) and CF07003W06(8.0)) contained petroleum hydrocarbons and/or PAHs at concentrations that exceeded the applicable cleanup levels. The Army indicated that this area could not be excavated further because they did not want to undermine the overlying slope (#25). However, the Army performed additional excavation in this area as part of the metals remediation at the Building 950 Area (#23), but they did not collect verification soil samples for petroleum hydrocarbons and PAHs.</p> <p>The Trust collected soil samples from 8 feet bgs in 6 boreholes (979SB01 through 979SB06) installed in the general vicinity of the CF-7 FDS excavation area. Petroleum hydrocarbons, PAHs, and BTEX concentrations were either not detected or were below the applicable cleanup levels (#50).</p>	<p>The Army removed FDS line sections MT-1, CF-1, CF-2, and CF-6 through CF-11 in accordance with the requirements of Order 96-070. Verification soil samples were analyzed for petroleum hydrocarbons, PAHs, and BTEX. Chemical concentrations in all of the verification soil samples were either not detected or less than the cleanup levels in Order 96-070, except for an area at the western end of section CF-7.</p> <p>The Army performed additional excavation in the CF-7 area as part of the metals remediation at the Building 950 Area, but they did not collect verification soil samples for petroleum hydrocarbons, PAHs, or BTEX. The Trust collected 6 soil samples in the general vicinity of the CF-7 excavation area; petroleum hydrocarbons, PAHs, and BTEX concentrations were either not detected or below the applicable cleanup levels in Order 96-070. These results indicate that significant chemical impacts are not likely remaining in the vicinity of FDS section CF-7.</p>	Chemical concentrations in all verification soil samples that are representative of soil remaining in place are less than the residential cleanup levels in the Presidio-Wide Cleanup Level document.	No further action associated with FDS sections MT-1, CF-1, CF-2, and CF-6 through CF-11.	#25, #50

TABLE 3-1
Summary of Crissy Field RAP Sites Remedial Actions (a)
Presidio of San Francisco, California

TABLE 3-1

Site Name (b)	Description of Remedial Actions	Variations from Work Plan or RAP	Summary of Results (c)	Comparison to Residential Cleanup Levels	Future Work at the Site	References
Removal of Tidal Marsh Storm Drains and Sediments	<p>Although not explicitly included in the Crissy Field RAP, the Army agreed to remove the 4 storm drains (lines C, D, E, and F) and associated sediments that crossed the area now occupied by the Crissy Field wetlands (#8). The Trust performed this work to fulfill an obligation inherited from the Army. In June 1999, the Trust collected 6 sediment samples from the storm drains and analyzed the samples for TPHg, TPHd, TPHmo, BTEX, copper, and lead to classify the sediments for purposes of disposal (#37). The samples from lines D and F were also analyzed for Title 22 metals.</p> <p>The Trust removed the sediment and portions of the storm drain lines that were within the footprint of the wetlands. The portions of the storm drain lines that were under the sand dunes north of the wetlands and in the archeological resource area east of the wetlands were capped and grouted. A total of 140 tons of sediment and pipe fragments from lines C and E were disposed of as a non-RCRA hazardous waste at a permitted, off-site facility. Sediment from lines D and F were classified as non-hazardous and were spread on the Crissy Field airfield along with the other soil removed from the footprint of the wetlands (#37).</p>	Chemical concentrations in all of the sediment samples from lines D and F were less than the Crissy Field RAP cleanup levels, except for cobalt in the sediment sample from line F. The cobalt concentration of 87.9 mg/kg is greater than the ecological cleanup level of 47.5 mg/kg, but less than the ambient cobalt concentration of 158 mg/kg in serpentinite, which may be present in the storm drain sediments at Crissy Field. Sediments from this storm drain (less than 3 cubic yards) and from line D were spread on the airfield along with the other soil that was removed from the footprint of the wetlands (#37).	The Trust removed the storm drain lines that were exposed during the construction of the Crissy Field wetlands. Sediments from two of the lines (C and E) were classified as a hazardous waste and were disposed at an off-site, permitted facility. Sediments from the other lines (D and F) were spread on the airfield. Although the cobalt concentration in the sediment sample from line F is slightly greater than the ecological cleanup level for Crissy Field, the quantity of material moved to the airfield is very small (less than 3 cubic yards) compared with the total volume of soil placed on the airfield (approximately 258,000 cubic yards). Thus, significant exposure of ecological populations to the cobalt in sediments originating from line F is not likely to occur.	Chemical concentrations in the sediments that were moved to the airfield are all less than the residential cleanup levels in the Presidio-Wide Cleanup Level document.	No further action associated with the sediments in the storm drain lines.	#8, #21, #37
Crissy Field Contingency Action Sites	As part of the Crissy Field RAP, the Army prepared a Contingency Action Plan (“Contingency Plan”) to provide a program to address the potential discovery of contamination during the Crissy Field restoration project (#28). The Army and the Trust, once they assumed responsibility for the remediation of the Presidio, implemented the Contingency Plan. The Army addressed three contingency action sites (Site 081898-1400, Site 091298-1030, and Site 121898-1400) (#26). Seven Contingency Action Sites were addressed by the Trust.	See below for individual contingency action sites.	See below for individual contingency action sites.	See below for individual contingency action sites.	See below for individual contingency action sites.	#9, #21, #26, #28
	<u>Site 081898-1400:</u> On 18 August 1998, odorous and discolored soil was discovered in 3 archeological test pits that were excavated by the GGNPA as part of the restoration project. Low concentrations of TPHg (4.3 mg/kg) were detected in the evaluation sample (CF09009S01). The Army subsequently excavated 9 test pits surrounding the 3 test pits where odors were observed and collected 1 to 2 soil samples from each test pit. TPHg was detected in one of the soil samples at a concentration of 2.1 mg/kg, which is significantly less than the Crissy Field RAP cleanup level of 610 mg/kg. This sample was also analyzed for VOCs and PAHs, which were not detected. The Army backfilled the test pits with stockpiled soil (#26).	Investigation of this contingency action site was performed in accordance with the Contingency Action Plan.	The Army collected 11 soil samples in the area where odorous and discolored soil was observed. TPHg was detected in 2 of the samples at concentrations significantly lower than the Crissy Field cleanup level of 610 mg/kg. No remediation was necessary.	Chemical concentrations in all soil samples are less than the residential cleanup levels in the Presidio-Wide Cleanup Level document.	No further action at Site 081898-1400.	#26

TABLE 3-1
Summary of Crissy Field RAP Sites Remedial Actions (a)
Presidio of San Francisco, California

TABLE 3-1

Site Name (b)	Description of Remedial Actions	Variations from Work Plan or RAP	Summary of Results (c)	Comparison to Residential Cleanup Levels	Future Work at the Site	References
Crissy Field Contingency Action Sites (cont.)	<u>Site 092198-1030:</u> On 21 September 1998, odorous and discolored soil was discovered in an archeological trench that was excavated by the GGNPA as part of the restoration project. TPHd and TPH quantified as motor oil (“TPHmo”) (35 mg/kg and 120 mg/kg, respectively) were detected in the evaluation sample (CFTR34T01(5.5)). The Army subsequently excavated 6 test pits surrounding the area where odors were observed and collected a soil sample from each test pit. TPHd and TPHmo were detected in 3 of the soil samples at a concentration up to 84 mg/kg, which is significantly less than the Crissy Field RAP cleanup level of 700 mg/kg and 980 mg/kg, respectively. These samples were also analyzed for VOCs and PAHs, which were not detected. The Army backfilled the test pits with stockpiled soil (#26).	Investigation of this contingency action site was performed in accordance with the Contingency Action Plan.	The Army collected 7 soil samples in the area where odorous and discolored soil was observed. TPHd or TPHmo were detected in 4 of the samples at concentrations significantly lower than the Crissy Field cleanup level of 700 mg/kg and 980 mg/kg, respectively. No remediation was necessary.	Chemical concentrations in all soil samples are less than the residential cleanup levels in the Presidio-Wide Cleanup Level document.	No further action at Site 092198-1030.	#26
	<u>Site 111098-1100:</u> On 10 November 1998, odorous soil was discovered during the excavation of a trench for a fiber optic line along Mason Street, north of Building 610 (the Commissary building) (#22). In November 1999, as part of the Trust’s investigation of the petroleum hydrocarbons in seeps in the wetlands (see Site 171199-1100), the Trust collected grab groundwater samples at this contingency site. Up to 3,400 µg/L of TPHg was detected in the groundwater samples at this site (#38). This concentration exceeds the cleanup level for TPHg developed for the protection of saltwater aquatic organisms (RWQCB Order R2-2003-0080). As discussed under Site 171199-1100, the Trust performed an interim removal action immediately west of this contingency site (#52). Further investigation and remediation of this contingency site will be addressed in the Commissary/Post Exchange (“PX”) Corrective Action Plan.	According to notes from a meeting the NPS attended with the Army on 18 November 1998, the Army said that they would sample in this area as part of the Commissary/PX area investigation, rather than address it as a contingency site. The Army never implemented its investigation because remediation responsibility was transferred to the Trust in May 1999. Remediation of groundwater-impacted sites is beyond the scope of the Contingency Action Plan. Further investigation and remediation of this contingency site will be addressed in the Commissary/PX Corrective Action Plan.	Odorous soil was discovered in a utility trench excavation north of the Commissary building. Groundwater sampling in the vicinity of this sample indicated that petroleum hydrocarbon concentrations in groundwater exceeded the cleanup level for protection of saltwater aquatic life. Further investigation and remediation of this contingency site will be addressed in the Commissary/PX Corrective Action Plan.	Not applicable.	Further investigation and remediation of this contingency site will be addressed in the Commissary/PX Corrective Action Plan.	#22, #38, #52
	<u>Site 121898-1430:</u> On 18 December 1998, odorous and discolored soil was discovered during construction of the wetlands. TPHg was detected in the evaluation sample (S-1) at 1,200 mg/kg, which exceeds the Crissy Field cleanup level of 610 mg/kg. The Army subsequently excavated approximately 140 tons of soil and disposed of the soil as a non-hazardous waste at a permitted, off-site facility. Two verification soil samples were analyzed for TPHg, TPHd, TPHmo; BTEX; and PAHs. Chemical concentrations in the verification soil samples were either not detected or below the applicable cleanup levels (#26).	Investigation and remediation of this contingency action site was performed in accordance with the Contingency Action Plan.	In accordance with the Contingency Action Plan, the Army excavated petroleum-impacted soil until all verification soil samples showed that chemical concentrations were less than the Crissy Field cleanup levels.	Chemical concentrations in all soil samples are less than the residential cleanup levels in the Presidio-Wide Cleanup Level document.	No further action at Site 121898-1430.	#26

TABLE 3-1
Summary of Crissy Field RAP Sites Remedial Actions (a)
Presidio of San Francisco, California

TABLE 3-1

Site Name (b)	Description of Remedial Actions	Variations from Work Plan or RAP	Summary of Results (c)	Comparison to Residential Cleanup Levels	Future Work at the Site	References
Crissy Field Contingency Action Sites (cont.)	<u>Crissy Field Hydraulic Cylinders:</u> On 2 June 1999, two hydraulic cylinders were discovered at the western end of Crissy Field during the restoration project (#46). These cylinders are believed to correspond to Tank 937.3, which was described in the Army's Remedial Investigation Report (#2) and has been tracked by the Army and Trust. Information regarding the removal of these hydraulic cylinders is presented in Table 3-2.	See Tank 937.3 in Table 3-2.	See Tank 937.3 in Table 3-2.	Chemical concentrations in all soil samples are less than the residential cleanup levels in the Presidio-Wide Cleanup Level document.	No further action at Tank 937.3.	#2, #30, #46
	<u>Possible UXO:</u> On 17 June 1999, possible projectile or UXO was discovered as part of the archeological investigations east of the wetlands. On 18 June 1999, munitions experts from Fort Ord inspected the discovery and determined that the item was an inert projectile that did not contain explosives and did not pose a hazard. No further sampling or investigation was performed (#45).	There were no variations from the Contingency Action Plan for this site.	A potential projectile or UXO was discovered and addressed in accordance with the Contingency Action Plan. The discovery was determined to be an inert projectile that did not contain explosives.	No chemical data are available for this site.	No further action at the potential UXO discovery site.	#45
	<u>Small Riveted-Steel Tanks:</u> On 14 July, 16 July, and 23 July 1999, 4 small riveted-steel tanks were discovered at separate locations in the hydraulic sand fill within the footprint of the Crissy Field tidal marsh. All 4 tanks were extensively rusted and partially filled with sand. Based on the conical rivet construction of the tanks and the location of these tanks within the hydraulic fill, the tanks were believed to be quite old (the hydraulic fill was placed at Crissy Field in the early 1900s). None of the tanks exhibited any petroleum or solvent odor. No discolored soil or staining was observed beneath or in the vicinity of the tanks. No sampling or investigation was performed due to the lack of signs of petroleum or solvent contamination in the vicinity of the tanks (#44).	Consistent with the Contingency Action Plan, no soil samples were collected because the steel tanks did not have potential sources of contamination associated with their discovery.	Four small riveted-steel tanks were discovered at different locations within the footprint of the wetlands. The tanks were partially filled with sand. No signs of contamination were observed beneath or in the vicinity of the tanks. The discovery and removal of the tanks were addressed in general accordance with the Contingency Action Plan.	No chemical data are available for this site.	No further action at the 4 riveted-steel tank sites.	#44
	<u>Potential FDS Line:</u> On 22 July 1999, a potential FDS line was discovered in an archeological pit that was excavated by the GGNPA as part of the restoration project (#19). The pipe was ultimately identified as an abandoned natural gas line. The abandoned gas line was left in place when it was discovered not to be a FDS line (#42).	Investigation of this site was performed in accordance with the Contingency Action Plan.	A potential FDS line was discovered and addressed in accordance with the Contingency Action Plan. No sampling or remediation was performed because the pipe was determined to be a natural gas line.	No chemical data are available for this site.	No further action at the abandoned natural gas line.	#19, #42, #43

TABLE 3-1
Summary of Crissy Field RAP Sites Remedial Actions (a)
Presidio of San Francisco, California

TABLE 3-1

Site Name (b)	Description of Remedial Actions	Variations from Work Plan or RAP	Summary of Results (c)	Comparison to Residential Cleanup Levels	Future Work at the Site	References
Crissy Field Contingency Action Sites (cont.)	Site 171199-1100: On 17 November 1999, petroleum odors were observed at water seeps entering the southwestern corner of the Crissy Field wetlands (#41). No sheen was observed on the water surface of the seeps or wetlands. No stained or discolored soil was present. The Trust collected a sample of the seep water and analyzed the samples for petroleum hydrocarbons, VOCs, and SVOCs (#40). Only TPHg, toluene, ethylbenzene, and xylenes were detected in the groundwater sample at concentrations less than the cleanup levels developed for the protection of saltwater aquatic organisms (RWQCB Order R2-2003-0080). The Trust continued to monitor the seeps and performed several investigations to identify the potential source area (#36). From February through July 2001, the Trust performed an interim removal action to excavate the source of petroleum entering the wetlands (#52). Final remediation of the site will be addressed in the Commissary/PX Corrective Action Plan.	Investigation of this site was performed in accordance with the Contingency Action Plan. Remediation of groundwater-impacted sites is beyond the scope of the Contingency Action Plan. Final remediation of this contingency site will be addressed in the Commissary/PX Corrective Action Plan.	Petroleum-impacted groundwater was discovered entering the wetlands through seeps. The Trust sampled the seeps in accordance with the Contingency Action Plan. In 2001, the Trust performed an interim removal action to excavate the source of petroleum hydrocarbons entering the wetlands (#52). Final remediation of the site will be addressed in the Commissary/PX Corrective Action Plan.	Not applicable	Final remediation of this contingency site will be addressed in the Commissary/PX Corrective Action Plan.	#36, #40, #41, #52
	Site 020201-1000: On 2 February 2001, the Trust and a Restoration Advisory Board member observed yellow-orange to red stains on the banks of the northwest corner of the wetlands. No petroleum or chemical odors were observed at the site. The Trust collected 2 samples of the stained soil and analyzed the samples for petroleum hydrocarbons, VOCs, SVOCs, pesticides and PCBs, and metals (#35). Metals concentrations were at background levels. VOCs, SVOCs, pesticides, PCBs, TPHg, and TPHfo were not detected. TPHd was detected in one of the samples at 13 mg/kg, which is less than 144 mg/kg, the petroleum hydrocarbon cleanup level developed for protection of saltwater aquatic organisms (RWQCB Order R2-2003-0080) (#1). No remedial actions were performed at this site.	Investigation of this contingency action site was performed in accordance with the Contingency Action Plan.	In accordance with the Contingency Action Plan, the Trust collected evaluation soil samples. Results of the sampling showed that chemical concentrations were either not detected or less than the Crissy Field cleanup levels.	Chemical concentrations in all soil samples are less than the residential cleanup levels in the Presidio-Wide Cleanup Level document.	No further action at site 020201-1000.	#1, #35

Notes:

- (a) This table only includes those Crissy Field Remedial Action Plan (“RAP”) sites and associated sites where additional investigation (e.g., Former Buildings 901 through 919) or remedial actions were implemented. Fuel Distribution System lines within the Crissy Field RAP Area are also included in this table. The Directorate of Engineering and Housing (“DEH”) Firing Range and Fill Site 7 (Groundwater) were “no action” sites in the Crissy Field RAP and are therefore not included in this table.
- (b) Figure 3-1 shows the locations of each of the Crissy Field RAP sites and the approximate remediation areas. Detailed figures for each of the excavation areas, including verification sampling locations, are compiled in Appendix B. The figures compiled in Appendix B were obtained from the references cited in the reference column. Figures are included for selected Contingency Sites that were addressed by the Army (#26). Figures are not included for the remaining Contingency Sites because the locations of these sites often were not mapped. Locations of the FDS lines are shown on Figure 3-1. Detailed figures with verification sampling locations for the Fire Distribution System line are included in reference #25.
- (c) Data for all of the sites listed in this table are included in electronic format (Adobe Acrobat®) in Appendix C, except for Contingency Sites where data were not collected (Possible UXO, Small Riveted-Steel Tanks, and Potential FDS Line) or where the site is being addressed in another program (Site111098-1100, Crissy Field Hydraulic Cylinders, and Site 171199-1100). Groundwater data are included in Appendix D.

TABLE 3-1
Summary of Crissy Field RAP Sites Remedial Actions (a)
Presidio of San Francisco, California

TABLE 3-1

References:

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TABLE 3-1
Summary of Crissy Field RAP Sites Remedial Actions (a)
Presidio of San Francisco, California

TABLE 3-1

- (#35) Presidio Trust, 6 February 2001. *Letter regarding Crissy Field Area Contingency Action Notification: Stained Soil at the West End of the Tidal Marsh, Site Number 020201-1000, Area A, Presidio of San Francisco.*
- (#36) Presidio Trust, 3 October 2000. *Revised Draft Commissary Seeps Interim Source Removal Action Plan, Presidio of San Francisco.*
- (#37) Presidio Trust, March 2000. *Removal of Storm Drains from the Crissy Field Tidal Marsh, Fill Site 7 Area, Presidio of San Francisco, California.*
- (#38) Presidio Trust, 21 January 2000. *Letter Regarding Hydropunch and Seep Sampling Data, Commissary Area, Area A, Presidio of San Francisco.*
- (#39) Presidio Trust, 14 December 1999. *Supplement to the Soil Remediation Closure Report, Fill Site 7, March 1999: Removal of Obsolete 12 Kilovolt Electrical Line and Contaminated Soil, Crissy Field, Presidio of San Francisco.*
- (#40) Presidio Trust, 29 November 1999. *Letter Regarding Crissy Field Area Contingency Action Plan Site 171199-1100: Seeps in Southwest Corner of Tidal Marsh, Commissary Area, Area A, Presidio of San Francisco.*
- (#41) Presidio Trust, 19 November 1999. *Letter Regarding Crissy Field Area Contingency Plan Site 171199-1100: Seeps in Southwest Corner of the Tidal Marsh, Commissary Area, Area A, Presidio of San Francisco.*
- (#42) Presidio Trust, October 1999. *Facilities Monthly Report, B & F Projects, Environmental—Crissy Field Contingency Action Sites (FDS Line, UXO, Assorted Sites).*
- (#43) Presidio Trust, 24 August 1999. *Memorandum of Crissy Field Contingency Action Site – FDS Line Removal.*
- (#44) Presidio Trust, 27 July 1999. *Letter Regarding Small Tanks Located on Crissy Field, Presidio of San Francisco.*
- (#45) Presidio Trust, 23 June 1999. *Letter Regarding Crissy Field Area Contingency Action Plan Notification: Possible Unexploded Ordnance, Area A, Presidio of San Francisco.*
- (#46) Presidio Trust, 8 June 1999. *Letter to Regarding Discovery of Hydraulic Cylinders Near the West End of Crissy Field on Wednesday, June 2, 1999, Presidio of San Francisco.*
- (#47) Presidio Trust and National Park Service, 24 May 1999. *Memorandum of Agreement for Environmental Remediation of Presidio of San Francisco "Area A" Property.*
- (#48) Treadwell & Rollo, April 2004. *Semi-Annual Groundwater Monitoring Report, Third and Fourth Quarters of 2003, Presidio-Wide Groundwater Monitoring Program, Presidio of San Francisco, California.*
- (#49) Treadwell & Rollo, October 2002. *Draft Fill Site 7 Closure Sampling Report, Presidio of San Francisco.*
- (#50) Treadwell & Rollo, March 2003. *Draft Building 900s Construction Completion Report, Presidio of San Francisco.*
- (#51) Treadwell & Rollo, February 2003. *Draft Remedial Action Excavation Report, Crissy Field Rifle Institute and Skeet Ranges Beach Area, Presidio of San Francisco,*
- (#52) Treadwell & Rollo, January 2002. *Draft Commissary Seeps Interim Source Removal Action Report, Presidio of San Francisco.*
- (#53) Treadwell & Rollo, 16 November 2001. *Data Summary and Proposed Additional Sampling, Building 937, The Presidio of San Francisco, California.*
- (#54) Treadwell & Rollo, October 2001. *Site Investigation Report, Crissy Field Rifle Institute and Skeet Ranges Beach Area, Presidio of San Francisco.*
- (#55) Treadwell & Rollo, October 2001. *Work Plan to Implement Provisions of the Final Crissy Field Remedial Action Plan, Crissy Field Rifle Institute and Skeet Ranges Beach Area.*

Abbreviations:

Area A MOA = Memorandum of Agreement between the Trust and NPS
BaP = Benzo(a)pyrene
BbF = Benzo(b)fluoranthene
BCDC = San Francisco Bay Conservation and Development Commission
bgs = below ground surface
BkF = Benzo(k)fluoranthene
BTEX = benzene, toluene, ethylbenzene, xylenes
c-1,2-DCE = cis-1,2-dichloroethene
Contingency Plan = Army Contingency Action Plan
COCs = chemicals of concern
DEH = Directorate of Engineering and Housing
DTSC = Department of Toxic Substances Control
EOM = East of Mason

ESLs = Environmental Screening Level
FDS = Fuel Distribution System
kV = kilovolts
LTTD = low temperature thermal desorption
MCLs = Maximum Contaminant Levels
mg/kg = milligrams per kilogram
MLLS = Mean Lower Low water level
NPS = National Park Service
PAHs = Polycyclic aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
PX = Commissary / Post Exchange
RAP = Crissy Field Remedial Action Plan
RI = Remedial Investigation

RWQCB = Regional Water Quality Control Board
SVOCs = Semivolatile organic chemicals
t-1,2-DCE = trans-1,2-dichloroethene
TCE = trichloroethene
TPHd = Petroleum hydrocarbon as diesel
TPHfo = Petroleum hydrocarbon as fuel oil
TPHg = Petroleum hydrocarbon as gasoline
UCL = Upper confidence limit
µg/L = micrograms per liter
UST = Underground storage tank
UVB = Unterdruck-Verdampfer Brunnen
UXO = unexploded ordinance
VOCs = Volatile organic chemicals

TABLE 3-2
CRISSY FIELD AREA PETROLEUM SITES CASE CLOSURE SUMMARY (a, b)
Presidio of San Francisco, California

Site Number	Tank Type and Contents	Tank Volume (in gallons)	Tank Status	Tank Address	Tank Location (latitude; longitude)	Description of Remedial Investigations and Remedial Actions	Effectiveness of Remedy	Comparison to Residential Cleanup Levels	Proposed Future Work	References
923	AST Solvent	Unknown	Removed (date unknown)	923 Mason Street	37° 48' 17" N 122° 28' 9" W	<p>Building 923 is a small transformer building located near the northwest corner of Building 924. According to the Dames & Moore Final RI report (#2), an abandoned solvent dip tank was temporarily stored behind (to the west of) the building.</p> <p>In 1998, as part of implementation of the Crissy Field RAP, soil to the south and west of Building 923 (Building 923/937 Area) was excavated to approximately the 1.5-foot depth (#5).</p>	The RI shows that the solvent AST was stored west of Building 923. Therefore, impacted soil, if any, was likely removed as part of the Army's 1998 excavation activities. No solvent-like odors were reported during excavation activities near Building 923. Confirmation soil samples in that area were analyzed for methylene chloride, PCBs, and selected metals and chemical concentrations were either not detected or below the applicable cleanup levels (#5).	This site is located in the Building 923/937 Area. As discussed in Table 3-1, given the relatively large number of samples with chemical concentrations that exceed residential cleanup levels in the Building 923/937 Area, a land use control is recommended to be implemented to restrict residential use at this site.	No Further Action ("NFA") (c)	#2, #5
924.1	AST New (Bulk) Oil	Unknown	Removed (date unknown)	924 Mason Street	37° 48' 16" N 122° 28' 8" W	<p>According to the Final RI report, two ASTs containing bulk oil (AST 924.1) and waste oil (AST 924.2, see below) were formerly located behind (or west of) Building 924. Both tanks reportedly were removed. No additional information pertaining to AST 924.1 was reviewed by EKI (#2).</p> <p>In 1998, as part of implementation of the Crissy Field RAP, soil to the west of Building 924 (Building 923/937 Area and Building 924 Firing Range) was excavated to approximately the 1 to 1.5-foot depth (#5).</p>	If the bulk oil AST was located in the 1998 excavation area, impacted soil, if any, was likely removed as part of excavation activities. Confirmation soil samples in that area were analyzed for methylene chloride and selected metals and chemical concentrations were generally either not detected or below the applicable cleanup levels (#5).	See above	NFA	#2, #5
924.2	AST Waste Oil	400	Removed (date unknown)	924 Mason Street	37° 48' 16" N 122° 28' 8" W	<p>According to the Final RI report, the waste oil AST was formerly located behind (or west of) Building 924. The former AST was reportedly located directly on the soil and the soil in the vicinity of the tank was stained (#2). The exact location of this former AST is not known.</p> <p>In 1998, as part of implementation of the Crissy Field RAP, soil to the west of Building 924 (Building 923/937 Area and Building 924 Firing Range) was excavated to approximately the 1 to 1.5-foot depth (#5).</p>	If the waste oil AST was located in the 1998 excavation area, impacted soil, if any, was likely removed as part of excavation activities. Confirmation soil samples in that area were analyzed for methylene chloride and selected metals and chemical concentrations were generally either not detected or below the applicable cleanup levels (#5).	See above	NFA	#2, #5
926.1	UST Gasoline	Unknown	Removed (date unknown)	926 Mason Street	37° 48' 18" N 122° 28' 9" W	<p>UST 926.1 may have been associated with four (4) 10,000-gallon gasoline USTs, discussed below. According to field observations and results of a geophysical survey conducted in February 1990, as reported in the Phase II Preliminary Assessment, Presidio of San Francisco, Underground Storage Tank Data Sheets (#18), there were no surface indications or geophysical indications of USTs in the Building 926 area. Interviews with Presidio personnel suggest that UST 926.1 was likely removed.</p> <p>In 1998, as part of implementation of the Crissy Field RAP, soil to the west of Building 926 (Building 923/937Area) was excavated to approximately the 2 to 2 feet deep (#5). No indications of USTs, product piping, or petroleum contaminated soil were reported. Review of a historic blueprint depicting the tanks shows that a portion of the 1998 excavation was within the footprint of the former gasoline tanks. However, petroleum odors were noted in the excavation after a winter rainfall. Consequently the Army analyzed verification samples from this area for petroleum hydrocarbons, VOCs including BTEX, and polycyclic aromatic hydrocarbons ("PAHs") in addition to the analytes required in the Crissy Field RAP.</p> <p>Petroleum hydrocarbons were either not detected or less than the applicable cleanup levels. BTEX and PAHs were not detected in any of the soil samples (#5).</p> <p>Two former groundwater monitoring wells (937GW19 and 937GW20) are located in the general downgradient direction from and within 200 feet of the suspected UST locations behind Building 926. According to the analytical results of groundwater samples collected from the wells in 1997 and 1998 (which are the most recent data), total petroleum hydrocarbons quantified as gasoline, diesel, and fuel oil ("TPHg," "TPHd," and "TPHfo," respectively) and benzene, toluene, ethylbenzene, and xylenes ("BTEX") were not detected in the groundwater samples (#14).</p>	If Tank 926.1 was removed approximately 60 years ago with the other USTs and releases had occurred from these USTs, it is unlikely significant concentrations of petroleum hydrocarbons remain in the subsurface today due to natural attenuation that would likely have occurred over this time period. Also, the most recent groundwater samples collected from wells located downgradient of the former UST area (in 1997 and 1998) did not contain petroleum hydrocarbons or BTEX.	See above	NFA	#1, #5, #14, #18

TABLE 3-2
CRISSY FIELD AREA PETROLEUM SITES CASE CLOSURE SUMMARY (a, b)
Presidio of San Francisco, California

Site Number	Tank Type and Contents	Tank Volume (in gallons)	Tank Status	Tank Address	Tank Location (latitude; longitude)	Description of Remedial Investigations and Remedial Actions	Effectiveness of Remedy	Comparison to Residential Cleanup Levels	Proposed Future Work	References
926.2	UST Gasoline	10,000	Removed 1942	926 Mason Street	37° 48' 18" N 122° 28' 9" W	According to the Enhanced Preliminary Assessment report (#1), four (4) 10,000-gallon underground gasoline storage tanks were once located behind (or west of) Building 926, with pipes feeding the fuel to remote valve locations on the northwest corner of the hangar buildings (Buildings 926 and 937). Reportedly, the four tanks were removed in 1942. No documentation is available that confirms that the tanks were removed. See UST 926.1 above for description of field observations and results of a geophysical survey conducted in February 1990, soil excavation in 1998, and nearby groundwater monitoring results.	Given the reported removal of the Building 926 USTs approximately 60 years ago, if releases had occurred from these USTs, it is unlikely significant concentrations of petroleum hydrocarbons remain in the subsurface today due to natural attenuation that would likely have occurred over this time period. Also, the most recent groundwater samples collected from wells located downgradient of the former UST area (in 1997 and 1998) did not contain petroleum hydrocarbons or BTEX.	See above	NFA	#1, #5, #18
926.3	UST Gasoline	10,000	Removed 1942	926 Mason Street	37° 48' 18" N 122° 28' 9" W	Same as above.	See above	See above	NFA	See above
926.4	UST Gasoline	10,000	Removed 1942	926 Mason Street	37° 48' 18" N 122° 28' 9" W	Same as above.	See above	See above	NFA	See above
926.5	UST Gasoline	10,000	Removed 1942	926 Mason Street	37° 48' 18" N 122° 28' 9" W	Same as above.	See above	See above	NFA	See above
930.1	AST Hydraulic Oil	175	Removed Oct. 1996	930 Mason Street	37° 48' 18" N 122° 28' 9" W	In October 1996, an AST and associated hydraulic ram and piping, identified by the Army as tanks 930.1 and 930.2, respectively, were removed. The excavation for removal of AST and lift and piping was contiguous with the UST 931 excavation, described below (#11). The AST was reported to be empty and in good condition at the time of its removal (#20). Stained soil was observed beneath the removed trough. All visibly stained soil was excavated. Approximately 15 cubic yards of soil were excavated and transported for treatment at the Low Temperature Thermal Desorption Unit. No post-excavation confirmation soil samples were collected. Approximately 4,500 gallons of water (from a broken water pipe) were pumped from the excavation and discharged to the sanitary sewer. A sample of water from the excavation (930.2GW01) contained TPHd at 12,000 µg/L and TPHfo at 16,000 µg/L. Chrysene was detected at 0.87 µg/L. No other PAHs were detected (#11). In 1999, Montgomery Watson prepared a Mini-Corrective Action Plan ("Mini-CAP") for the tank 930.1 and 930.2 area, and recommended that additional confirmation sampling be performed for site closure (#13). In July 2001, in response to the Montgomery Watson Mini-CAP, the Trust collected soil samples from 3 boreholes (930SB01 through 930SB03) drilled in former 930.1 and 930.2 tank excavation area. Maximum petroleum hydrocarbon concentrations in soil were TPHd at 66 mg/kg and TPHfo at 64 mg/kg. No BTEX or PAHs were detected in the soil samples. Maximum chemical concentrations detected in the grab groundwater samples were TPHg at 130 µg/L, TPHd at 610 µg/L, TPHfo at 530 µg/L, BTEX at 1.1, 1.3, 2.1, and 4.7 µg/L, respectively (#20). The benzene concentration was 0.91 µg/L in a duplicate groundwater sample. Two former groundwater monitoring wells located generally downgradient and within approximately 200 feet of the Building 930.1 and 930.2 excavation area (wells 937GW20 and 937GW21) were sampled most recently in 1997 and 1998. TPHg, TPHd, TPHfo and BTEX were not detected in groundwater samples obtained from the wells.	The hydraulic oil tank and associated ram and piping were removed from the site. Chemical concentrations detected in soil samples from boreholes were below the applicable cleanup levels. With the exception of benzene detected in groundwater at 1.1 µg/L (the duplicate contained benzene at 0.91 µg/L), the chemical concentrations detected in groundwater samples were all below the applicable respective cleanup levels. Groundwater samples collected in 1997 and 1998 from wells located downgradient of the 930.1 and 930.2 excavation area did not contain detectable concentrations of benzene or other petroleum-related constituents. Based on the available data, significant groundwater impacts have not occurred.	Chemical concentrations in soil are less than the applicable residential cleanup levels. However, because this site is located in the Building 923/937 Area, a land use restriction prohibiting residential use at this site will be implemented. Benzene concentrations in groundwater at the former AST location are at the drinking water standard of 1 µg/L. Because the detected benzene concentration is effectively at the drinking water standard, no groundwater use restriction is required at this site.	NFA	#8, #11, #13, #20
930.2	UST (hydraulic ram & piping) Hydraulic Oil	280	Removed Oct. 1996	930 Mason Street	37° 48' 18" N 122° 28' 9" W	Include with AST 930.1 above.	See above	See above	NFA	#8, #11, #13, #20
931	UST Oil/Water Mix	2,000	Removed Oct. 1996	931 Mason Street	37° 48' 18" N 122° 28' 7" W	In October 1996, a below-grade oil/water separator was removed from an area near the southeast corner of Building 931 (between Buildings 931 and 930 to the south). The separator was reported in good condition at time of removal. No staining was observed in the excavation (#10). No over-excavation was performed. Two post-excavation confirmation soil samples were collected at 6.5 feet bgs on floor of excavation (931EX01 and 931EX02) were reported to contain TPHd up to 280 mg/kg and TPHfo up to 360 mg/kg. No PAHs, SVOCs, pesticides, PCBs, chlorinated herbicides, or organophosphorous pesticides were detected in the soil samples (#10).	The oil/water separator was removed from the site. Chemical concentrations in the verification soil samples were either not detected or below the applicable cleanup levels.	Chemical concentrations in the verification soil samples are less than the applicable residential cleanup levels. However, because this site is located in the Building 923/937 Area, a land use restriction prohibiting residential use at this site will be implemented.	NFA; Trust has requested a NFA letter.	#10

TABLE 3-2
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Presidio of San Francisco, California

Site Number	Tank Type and Contents	Tank Volume (in gallons)	Tank Status	Tank Address	Tank Location (latitude; longitude)	Description of Remedial Investigations and Remedial Actions	Effectiveness of Remedy	Comparison to Residential Cleanup Levels	Proposed Future Work	References
933.1	UST Fuel Oil	Unknown	Non-Existent	933 Mason Street	37° 48' 21" N 122° 28' 8" W	<p>A historic map (undated) shows 5 square features in a single southwest to northeast-trending line located approximately 175 to 300 feet east of Building 933 and approximately 150 feet south of the middle portion of former Building 938. These features on the historic map are labeled "947 - gasoline pumps". ASTs and an associated fuel island reportedly were removed at Buildings 947/965. IT indicates that Building 965 was the reference to the tanks and Building 947 was the reference for the fuel island (#7).</p> <p>According to the Dames & Moore Final RI report (#2), an aerial photograph from 1948 shows what appears to be four ASTs approximately 300 feet east of the center of Building 933. A 1945 map (Post Engineers Office, 1945) shows gasoline pumps in this location. The tanks are reportedly not seen in subsequent photographs or a 1949 map.</p> <p>According to field observations and results of a geophysical survey conducted in February 1990, as reported in the Phase II Preliminary Assessment, Presidio of San Francisco, Underground Storage Tank Data Sheets (#18), there were no surface indications or geophysical indications of USTs in the Building 933 area. It is not known if the geophysics survey extended east of Building 933 in the area of the square features shown on the historic map.</p> <p>In 1998, as part of the Crissy Field RAP, the Army excavated a small area that was reportedly performed in the area of a suspected former pump island, located approximately 150 feet east of Building 935 (excavation is referred to as "Building 937, Excavation No. 2" in #5). The 1998 excavation area is located to the south of the pump island areas shown on the historic map discussed above. It is possible that the excavation completed by IT is not mapped in the actual location; survey coordinates are not available. The excavation was approximately 20 feet by 20 feet by 4 feet deep (#5). Eight excavation sidewall soil samples and one floor sample were collected. The maximum chemical concentrations detected in the soil samples were 97 mg/kg TPHd; 320 mg/kg TPHfo; 0.0069 mg/kg benzo(a)anthracene; 0.011 mg/kg benzo(a)pyrene; 0.0088 mg/kg chrysene; and 0.0042 mg/kg benzo(k)fluoranthene (#5). No UST or piping was encountered during excavation activities at Excavation No. 2.</p> <p>Two former groundwater monitoring wells (937GW14 and 937GW27) were located within approximately 50 feet in the presumed downgradient direction of the suspected tank locations. Data for former well 937GW14 were not in the Dames & Moore Final RI report, which included other groundwater data collected before 1990. No odors or other indications of petroleum hydrocarbons were noted on the borehole log when former well 937GW27 was installed. TPHg, TPHd, TPHfo, and BTEX were not detected in groundwater samples collected from well 937GW27 in 1997 and 1998, which is the most recent groundwater data available for the well (#14).</p>	<p>If the small excavation was actually located at the former pump islands and UST, then the results of the verification sampling show that significant residual impacts are not present from these former tanks.</p> <p>Available groundwater data indicates that significant groundwater impacts from these tanks have not occurred.</p>	Chemical concentrations in the verification soil samples are less than the applicable residential cleanup levels.	NFA	#2, #5, #7, #14, #18
933.2	AST Fuel Oil	Unknown	Non-Existent	933 Mason Street	37° 48' 21" N 122° 28' 8" W	Same as above.	See above	See above	NFA	See above
933.3	AST Fuel Oil	Unknown	Non-Existent	933 Mason Street	37° 48' 21" N 122° 28' 8" W	Same as above.	See above	See above	NFA	See above
933.4	AST Fuel Oil	Unknown	Non-Existent	933 Mason Street	37° 48' 21" N 122° 28' 8" W	Same as above.	See above	See above	NFA	See above
933.5	AST Fuel Oil	Unknown	Non-Existent	933 Mason Street	37° 48' 21" N 122° 28' 8" W	Same as above.	See above	See above	NFA	See above
934	UST Contents Unknown	500 (est.)	Non-Existent	934 Mason Street	37° 48' 21" N 122° 28' 4" W	<p>According to Montgomery Watson (#16), a 500-gallon UST is reported to have been located at the southeast corner of Building 934. A 2-inch diameter riser pipe was observed at the southeast corner of Building 934. The cap was removed and a hydrocarbon odor was noted. The pipe extended approximately 25 inches below grade and then turned to the south (#16). Subsequent geophysical testing indicated a possible UST between Buildings 926 and 934. Intrusive testing (three hand augered boreholes) did not reveal the presence of a UST; however, a 4 to 5-inch diameter pipe was encountered. No hydrocarbon odors or organic vapor meter readings were noted during the hand augering (#16). According to the Final RI report (#2), aerial photographs reviewed did not show evidence of ground surface staining or storage in the vicinity of Building 934.</p> <p>The area between Buildings 926 and 934 was excavated to a depth of 2 feet bgs as part of removal of fuel distribution system ("FDS") piping. No evidence of a UST or chemical impacts were reported in the Building 934 area. TPHd and BTEX were not detected in the 3 verification soil samples from the FDS removal south and southeast of Building 934 (#6).</p> <p>A groundwater monitoring well (937GW20) was formerly located within five feet of the riser pipe described above and approximately 20 feet in the general downgradient direction from the suspected UST location between Buildings 934 and 926. According to the most recent analytical data for the well (1997 and 1998) no petroleum hydrocarbons or BTEX were detected in groundwater samples obtained from the well (#14).</p>	<p>Subsurface exploration in the suspected UST area did not indicate the presence of a UST or petroleum-impacted soil. These observations were confirmed with the data from the removal of the FDS line in the area. Moreover, TPH and related constituent concentrations were not detected in the FDS verification soil samples (#6).</p> <p>Groundwater immediately downgradient from the suspected UST location is not impacted by petroleum hydrocarbons or BTEX.</p>	Chemical concentrations in the FDS removal verification samples were less than the applicable residential cleanup levels. However, because this site is located in the Building 923/937 Area, a land use restriction prohibiting residential use at this site will be implemented.	NFA	#6, #14, #16

TABLE 3-2
CRISSY FIELD AREA PETROLEUM SITES CASE CLOSURE SUMMARY (a, b)
Presidio of San Francisco, California

Site Number	Tank Type and Contents	Tank Volume (in gallons)	Tank Status	Tank Address	Tank Location (latitude; longitude)	Description of Remedial Investigations and Remedial Actions	Effectiveness of Remedy	Comparison to Residential Cleanup Levels	Proposed Future Work	References
937.1	UST Waste Oil	500	Removed Jan. 1992	937 Mason Street	37° 48' 28" N 122° 28' 15" W	<p>In 1981, during the installation of a hydraulic lift (Tank 937.H), petroleum hydrocarbons were reportedly observed in soil. Between 1982 and 1984, the Army installed 22 groundwater monitoring wells in the vicinity of Building 937 (937GW01 through 937GW22). Free product was identified in wells closest to the Building 937 USTs (wells 937GW02, 937GW03, and 937GW11), with measured thickness ranging between 6 and 36 inches (#20). By 1990, 9 additional groundwater monitoring wells were installed in the Building 937 area (937GW23, 937GW24, 937GW26 through 937GW29, 937GW31 through 937GW33). In 1992, an Interim Remedial Action ("IRA") was performed by the Army. This IRA included removal of the tanks and impacted soil as well as the installation of 3 additional groundwater monitoring wells in the Building 937 area (937GW34 through 937GW36). In May 1992, well points were installed upgradient and downgradient of the Building 937 UST area. No free product was observed in the well points (#20).</p> <p>In May 1991, the RWQCB issued Order 91-082 to the Army. The Order required further investigation and remediation of the Building 937 area (as well as the Building 231 area). The investigation, cleanup, and monitoring requirements of the Order with respect to Building 937 were incorporated into the Crissy Field RAP (#20).</p> <p>As part of the IRA in 1992, the two USTs were removed along with approximately 500 cubic yards of soil. Post-excavation verification soil samples were collected. Maximum concentrations of chemicals detected in the verification soil samples were as follows: total extractable hydrocarbons ("TEH") up to 4,500 mg/kg (937CS007), total volatile hydrocarbons ("TVH") up to 3,300 mg/kg (937CS033), xylenes up to 79 mg/kg, toluene up to 44 mg/kg, ethylbenzene up to 13 mg/kg, and lead up to 260 mg/kg. Benzene was not detected in the verification soil samples.</p> <p>Between 1994 and 1998, a vacuum vaporization system (Unterdruck Verdampfer Brunnen ("UVB") system) operated to remove volatile organic compounds from the groundwater. A calculated mass of 4.8 to 17.6 kilograms of VOCs could have been removed by the UVB system from the subsurface during the first year of operation. This system ultimately was removed in 1998 (#20).</p> <p>In 1998, the Army excavated soil from 2 locations on the north side of Building 937: at the northwest corner of Building 937, in the area of the auto grease racks (referred to as Excavation 1 in #5) and in the northeast corner, adjacent to and within the footprint of the 1992 excavation. The excavation at the northwest corner of the building measured approximately 40 feet by 50 feet in dimension, by approximately 5 feet deep. Approximately 17 sidewall verification soil samples were collected (#5). Chemical concentrations in the verification soil samples were less than the applicable cleanup levels.</p> <p>For the second excavation in 1998, the Army excavated approximately 2,605 tons of soil from the northeast corner of Building 937. Approximately 32 verification soil samples were collected. The excavation was backfilled with LTTD-treated soil and topped with aggregate base and concrete. Verification soil samples in the excavation wall at the 7.5-foot depth bgs adjacent to Building 937 contained concentrations of TPHg up to 1,690 mg/kg, TPHd up to 7,300 mg/kg, TPHfo up to 2,730 mg/kg, benzene up to 1 mg/kg, and toluene up to 14 mg/kg. The excavation was not expanded due to the potential for structural damage to Building 937 (#5). As discussed in Table 3-1, chemical concentrations were less than the applicable cleanup levels in all verification samples, except for 3 collected adjacent to Building 937.</p> <p>In May 2002, the Trust installed 3 soil borings to look for the presence of free-phase hydrocarbons in the smear zone and saturated zone (937SB101, 937SB102, and 937SB108). Six soil samples were collected from each borehole below bottom of former UST area. TPHg was detected in soil samples at concentrations up to 8,200 mg/kg (laboratory reported non-gasoline compound in samples). TPHd and TPHfo were detected in soil at concentrations up to 5,400 mg/kg and 18,000 mg/kg, respectively. Ethylbenzene and xylenes were detected at maximum concentrations of 5.1 mg/kg and 41 mg/kg, respectively. Other petroleum-related VOCs, such as 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene, were detected at concentrations of less than 0.1 mg/kg (#20).</p> <p>Grab groundwater samples collected from the boreholes contained TPHg at 34,000 µg/L; TPHd at 41,000 µg/L; and TPHfo at 100,000 µg/L. No free-phase hydrocarbons were observed. Well 937GW108, which was installed within the footprint of the Army's 1998 excavation at the northeast corner of Building 937, was sampled in June 2002. TPHg was detected at 1,200 µg/L; TPHd at 680 µg/L; TPHfo at 1,900 µg/L; benzene at 30 µg/L; chlorobenzene at 39 µg/L, ethylbenzene at 0.9 µg/L; toluene at 1 µg/L; and total xylenes at 4.2 µg/L (#20). The Trust has performed on-going groundwater monitoring from this well and others in the Building 937 Area (see Section 3.4) (#18). As shown in Table 3-4, chemical concentrations in groundwater samples from well 937GW108 are stable or decreasing.</p>	<p>TPH and related constituents remain in soil beneath the northeast corner of Building 937. However, the remedial actions performed between 1992 and 1999 achieved the Crissy Field RAP objective of source soil removal. In addition, free product was not observed in the Trust's 2002 investigation in the source area or in the vicinity of the hydraulic lift at the southern end of Building 937 (see tank 937.H), where the release from Tanks 937.1 and 937.2 was first discovered.</p> <p>As discussed in the text and shown in Table 3-4, petroleum hydrocarbon and related constituent concentrations in groundwater exhibit a stable or decreasing trend.</p> <p>BTEX concentrations measured in soil and groundwater samples collected under the building in 2002 are less than the RWQCB Environmental Screening Levels for indoor air (RWQCB, 2003). Therefore, the residual chemicals in soil and groundwater at the site should not pose a significant risk to building occupants from vapor intrusion.</p>	<p>Residual chemical concentrations in soil and groundwater at Tanks 937.1 and 937.2 exceed residential cleanup levels.</p> <p>A land use control will have to be implemented to restrict residential use at Building 937.</p>	<p>NFA for Tanks 937.1 and 937.2.</p> <p>On-going groundwater monitoring is addressed in the Crissy Field RAP.</p>	<p>#2, #3, #5, #18, #19, #20, #22</p>
937.2	UST Xylenes	1,000	Removed Jan. 1992	937 Mason Street	37° 48' 28" N 122° 28' 15" W	See Tank 937.1 above.	See above	See above	See above	See above

TABLE 3-2
CRISSY FIELD AREA PETROLEUM SITES CASE CLOSURE SUMMARY (a, b)
Presidio of San Francisco, California

Site Number	Tank Type and Contents	Tank Volume (in gallons)	Tank Status	Tank Address	Tank Location (latitude; longitude)	Description of Remedial Investigations and Remedial Actions	Effectiveness of Remedy	Comparison to Residential Cleanup Levels	Proposed Future Work	References
937.3	UST (2 hydraulic lift tanks) Hydraulic Oil	75 (2 tanks)	Removed Jun. 1999	937 Mason Street	37° 48' 20" N 122° 28' 6" W	<p>In the Remedial Investigation, the Army indicated that a former building (938) was located approximately 70 feet east of the northeast corner of Building 937 (#2). In 1990, the Army identified a 50- to 75-gallon UST that was reportedly used as a hydraulic reservoir for a lift (#18).</p> <p>In February 1999, during site grading for the Crissy Field restoration project, two subgrade hydraulic cylinders were encountered approximately 240 feet east of Building 935, in the area of the southern portion of former Building 938. These hydraulic cylinders are believed to be Tank 937.3. On 10 June 1999, the two hydraulic lifts were removed from the ground. Approximately 25 gallons of oil and approximately 50 gallons of water were removed from the lift systems. The oil was tested and found not to contain PCBs above the laboratory reporting limit. The lifts were connected by piping. The excavation area of each lift was approximately 4 feet by 4 feet, by approximately 5 feet deep. No visible oil staining or leaking was observed on either of the lifts. Following lift removals, an additional 3 feet of soil was removed from each excavation. No soil staining was observed. Groundwater was not encountered. One verification soil sample was collected from each lift location at approximately 8 feet bgs, as well as one sample beneath the piping at each lift location. None of the four soil samples collected contained TPHd above the laboratory reporting limit (#12).</p>	The hydraulic oil tanks and associated piping were removed from the site. Verification soil samples did not contain petroleum hydrocarbons above the laboratory reporting limit.	Chemical concentrations in the verification soil samples are less than the applicable residential cleanup levels.	NFA; Trust has requested a NFA letter.	#2, #12, #18
937.H	UST (hydraulic lift and reservoir tank) Hydraulic Oil	40 (60 total gallons in system)	Removed Dec. 2001	937 Mason Street	37° 48' 22" N 122° 28' 9" W	One hydraulic lift and reservoir system was removed from the inside of Building 937 on 12 December 2001. The lift was found to be in good condition with no visible holes (#4). No discoloration of soil or odors during removal. No groundwater was encountered in the excavation. One soil sample was collected beneath the reservoir (937SB101(8.5)) and one soil sample was collected beneath the piping to the lift (937SB100(2)). The reservoir soil sample contained TPHd at 2.9 mg/kg, but did not contain TPHfo, TPHg, or BTEX above the laboratory reporting limit. The piping soil sample contained TPHd at 11 mg/kg, but did not contain TPHfo, TPHg, or BTEX above the laboratory reporting limit (#4).	The hydraulic oil tank and associated lift system were removed from the site. Petroleum hydrocarbons and related constituents were either not detected or below cleanup levels in the verification soil samples.	Chemical concentrations in the verification soil samples are less than the applicable residential cleanup levels. However, because this site is located at Building 937 where there are other data that do not meet residential cleanup levels, a land	NFA	#4
976.1	UST Fuel Oil	5,000	Removed May 1993	976 Mason Street	37° 48' 28" N 122° 28' 13" W	<p>On 11 May 1993, one 5,000-gallon UST was removed from the southeast side of Building 976. Approximately 160 cy of soil were excavated during the UST removal. No visible leaks were observed and the tank walls were in good condition. Groundwater was encountered in the excavation at approximately 7 feet bgs. Three (3) confirmation soil samples were collected at 4 and 5 feet bgs. Soil samples contained TPHd at concentrations up to 16 mg/kg. BTEX was not detected in the soil samples. A groundwater sample was collected from the UST excavation. The groundwater sample contained TPHd at 56 µg/L; BTEX was not detected in the groundwater sample (#15).</p> <p>In August and October 1994, six boreholes were drilled within and around the former UST excavation area. Twelve soil samples were collected at depths ranging from 2 to 6 feet bgs. Soil samples contained TPHd at concentrations up to 100 mg/kg. No BTEX or VOCs were detected in the soil samples. Metals concentrations in the soil samples were as follows: arsenic at 0.79 to 7.8 mg/kg; chromium at 145 to 1,040 mg/kg; lead at ND to 1,580 mg/kg; nickel at 202 to 2,050 mg/kg; selenium at ND to 0.78 mg/kg; vanadium at 18 to 43.2 mg/kg; and zinc at 13.4 to 101 mg/kg. Two groundwater samples were collected. The groundwater samples did not contain TPHd or BTEX above the laboratory reporting limit. Dissolved metals concentrations were as follows: chromium at 1.6 µg/L; manganese at 63 µg/L; and nickel at 26 µg/L, which are below MCLs (#15).</p> <p>In 1998 as part of the Building 979 Area excavation (see Table 3-1), the area of the former UST was overexcavated. Eight sidewall soil samples and one bottom soil sample were collected from the excavation and analyzed for VOCs, TPHg, TPHd, TPHfo, PAHs, pesticides, PCBs, and metals. The analytica results indicated that none of the verification soil samples contained chemical concentrations exceeding the applicable cleanup levels (#5).</p>	Arsenic, lead, and zinc concentrations in the 1994 investigation soil samples exceeded the applicable cleanup levels. Chemical concentrations in the verification soil samples collected from the overexcavation in 1998 and in grab groundwater samples collected in 1994 were either not detected or below the applicable cleanup levels.	Chemical concentrations in the verification soil samples are less than the applicable residential cleanup levels.	NFA	#5, #15, #17
976.2	AST Fuel Oil	Unknown	Removed (date unknown)	976 Mason Street	37° 48' 28" N 122° 28' 14" W	A drawing (Plate 9-5) in a Montgomery Watson report from 1993 (#17) shows an AST labeled "stored tank" adjacent to the pump island associated with the UST identified as Tank 976.1. The drawing indicates that this AST was removed prior to excavating the underlying UST. As described above, the soil beneath the AST was removed as part of the Tank 976.1 excavation. Impacted soil, if any, caused by releases from the AST would have been remove as part of the excavation operations in 1993 and 1998, described above.	Chemical concentrations in the verification soil samples collected from the overexcavation of Tank 976.1 in 1998 and in grab groundwater samples associated with Tank 976.1 were either not detected or below the applicable cleanup levels.	Chemical concentrations in the verification soil samples are less than the applicable residential cleanup levels.	NFA	#17
979.1	UST Fuel Oil	2,000	Removed May 1993	979 Mason Street	37° 48' 28" N 122° 28' 13" W	<p>On 11 May 1993, two USTs (979.1 and 979.2 (below)) were removed from the northeast corner of former Building 979. No visible signs of corrosion were observed during the UST removals (#21). Two sidewall soil samples were collected in the vicinity of Tank 979.1 at 5 feet bgs in the vicinity of the eastern wall of Building 979 (#17). One soil sample contained unknown hydrocarbons at a concentration of 8.9 mg/kg. TPHd and BTEX were not detected in either of the two verification soil samples (#17)</p> <p>In 1998, as part of the Building 979 Area excavation (see Table 3-1), the area of former Tanks 979.1 and 979.2 was overexcavated. Eight sidewall confirmation soil samples and one bottom confirmation soil sample were collected and analyzed for VOCs, TPHg, TPHd, TPHfo, PAHs, pesticides, PCBs, and metals. The analytical results indicated that none of the verification soil samples contained chemical concentrations exceeding the applicable cleanup levels (#5).</p>	Chemical concentrations in the verification soil samples collected from the tank removal and from the overexcavation in 1998 were either not detected or below the applicable cleanup levels.	Chemical concentrations in the verification soil samples are less than the applicable residential cleanup levels.	NFA	#5, #17, #21

TABLE 3-2
CRISSY FIELD AREA PETROLEUM SITES CASE CLOSURE SUMMARY (a, b)
Presidio of San Francisco, California

Site Number	Tank Type and Contents	Tank Volume (in gallons)	Tank Status	Tank Address	Tank Location (latitude; longitude)	Description of Remedial Investigations and Remedial Actions	Effectiveness of Remedy	Comparison to Residential Cleanup Levels	Proposed Future Work	References
979.2	UST Fuel Oil	750	Removed May 1993	979 Mason Street	37° 48' 28" N 122° 28' 13" W	<p>During the removal of Tanks 979.1 and 979.2 in May 1993, described above, no visible signs of corrosion of Tank 979.2 were observed (#21). Two sidewall soil samples were collected in the vicinity of Tank 979.2 at 5 feet bgs along the eastern wall of Building 979. One soil sample contained unknown hydrocarbons at a concentration of 27 mg/kg. TPHd and BTEX were not detected in either of the two verification soil samples (#17).</p> <p>As described above, as part of the Building 979 Area excavation (see Table 3-1), the area of former Tanks 979.1 and 979.2 was overexcavated. Eight sidewall confirmation soil samples and one bottom confirmation soil sample were collected and analyzed for VOCs, TPHg, TPHd, TPHfo, PAHs, pesticides, PCBs, and metals. The analytical results indicated that none of the verification soil samples contained chemical concentrations exceeding the applicable cleanup levels (#5).</p>	Chemical concentrations in the verification soil samples collected from the tank removal and from the overexcavation in 1998 were either not detected or below the applicable cleanup levels.	Chemical concentrations in the verification soil samples are less than the applicable residential cleanup levels.	NFA	#5, #17, #21
979.3 (FDS-2)	UST Gasoline	350	Removed Oct. 1996	979 Mason Street	37° 48' 18" N 122° 28' 9" W	A Mini-CAP prepared by Montgomery Watson (#13) indicates that a 350-gallon gasoline UST was removed in October 1996. The UST was located approximately 100 feet southwest of Building 979. The UST was observed to be in good condition with no holes. Two soil samples were collected following UST removal: 1 from the bottom of the excavation at 6-feet bgs (979.3EX01) and 1 from the south side wall at 3-feet bgs (979.3EX02). Both samples were analyzed for TPH and PAHs using immunoassay testing. The immunoassay results indicated that TPH and PAH concentrations could potentially exceed the soil cleanup levels. In December 1996, one additional soil sample (979.3EX03) was collected in approximately the same location as the prior bottom sample. This sample was analyzed by an analytical laboratory. TPHg, TPHd, TPHfo, and BTEX were not detected above the laboratory reporting limit (#13). The Army presumably did not analyze the sample for PAHs because petroleum hydrocarbons were not detected in the sample.	Verification samples analyzed by immunoassay testing indicated that petroleum hydrocarbons and PAHs could potentially be present above the applicable cleanup levels. These findings were not confirmed by the analytical laboratory. Thus, final verification samples were either not detected or below applicable cleanup levels.	Chemical concentrations in the verification soil samples analyzed by the laboratory are less than the applicable residential cleanup levels.	NFA	#8, #9, #13
979.4	AST Gasoline	5,000	Non-Existent	979 Mason Street	37° 48' 29" N 122° 28' 15" W	<p>The specific locations of ASTs 979.4, 979.5, and 979.6 are not known, but were likely located north, west, or south of Building 979 because a road was previously located on the eastern side of former Building 979. Therefore, it is unlikely that the ASTs were located on that side of the building. The areas north, west, and south of Building 979 were excavated as part of the Crissy Field RAP excavation activities conducted in 1998 at the Building 950 Area and the Building 979 Area. Impacted soil, if any, would have been removed as part of these excavation activities. Chemical concentrations in the verification soil samples collected from the Building 979 Area and the Building 950 Area excavation in the vicinity of Building 979 were all less than the applicable cleanup levels (#5).</p> <p>Similarly, petroleum hydrocarbon and PAH concentrations in verification soil samples collected along the former FDS line (MT-1) near Building 979 were either not detected or were less than the applicable cleanup levels (#6).</p>	Impacted soil, if any, likely removed as part of soil excavation activity north, west, and south of Building 979. Available verification soil sampling results are less than applicable cleanup levels.	Chemical concentrations in the verification soil samples are less than the applicable residential cleanup levels.	NFA	#5, #6, #20
979.5	AST Gasoline	1,000	Non-Existent	979 Mason Street	37° 48' 29" N 122° 28' 15" W	Same as above.	See above	See above	NFA	See above
979.6	AST Gasoline	5,000	Non-Existent	979 Mason Street	37° 48' 29" N 122° 28' 15" W	Same as above.	See above	See above	NFA	See above
979.7	UST (hydraulic lift) Hydraulic Oil	25 (quantity of fluid recovered from system)	Removed 1998	979 Mason Street	37° 48' 27" N 122° 28' 14" W	During remediation of the Building 979 Area as part of the Crissy Field RAP, an underground hydraulic hoist was discovered within the footprint of former Building 979, approximately 50 feet northwest of the southern corner of Building 979. Approximately 25 gallons of hydraulic fluid was pumped from the system and stored in a 55-gallon drum for off-site disposal. One soil sample (979HL001(7.0)) was collected from the bottom of the hoist cylinder excavation and analyzed for TPHd and TPHfo. TPHd was detected at 12 mg/kg and TPHfo was detected at 59 mg/kg (#5, Table A-8).	The hydraulic oil tank was removed from the site. Petroleum hydrocarbons were below cleanup levels in the verification soil sample.	Chemical concentrations in the verification soil samples analyzed by the laboratory are less than the applicable residential cleanup levels.	NFA	#5

TABLE 3-2
CRISSY FIELD AREA PETROLEUM SITES CASE CLOSURE SUMMARY (a, b)
Presidio of San Francisco, California

- Notes:
- (a) The list of tank sites obtained from the Army's Tank Table, dated 15 June 1999, provided to the Trust as part of the transfer of cleanup responsibility to the Trust. A few additional tanks have been added to the table based on EKI's review of documents compiled to prepare this report.
 - (b) Figure 3-2 identifies the approximate locations of the tank sites and other features of interest (e.g., excavation areas and FDS lines).
 - (c) NFA indicates that the available data or information support the conclusion that no further action is necessary for the tank site.

References:

- (#1) Argonne National Laboratory. November 1989. *Enhanced Preliminary Assessment Report: Presidio of San Francisco Military Reservation, San Francisco, California.*
- (#2) Dames & Moore, January 1997. *Final Remedial Investigation Report, Presidio Main Installation, Presidio of San Francisco.*
- (#3) Department of the Army and Department of Toxic Substances Control (“DTSC”). April 1998. *Final Remedial Action Plan Crissy Field Area, Presidio of San Francisco .*
- (#4) Golden Gate Tank Removal, Inc., 27 December 2001. *Hydraulic Lift Removal Report, Building 937, Presidio of San Francisco.*
- (#5) International Technology (“IT”) Corporation, 7 June 1999. *Soil Remediation Closure Report, Crissy Field Area, Presidio of San Francisco, California .*
- (#6) IT Corporation, 31 May 1999. *Fuel Distribution System Removal Report, Presidio of San Francisco.*
- (#7) IT Corporation, 17 February 1999. *Additional Sites of Potential Environmental Concern: In-Depth Historical Research Results*
- (#8) IT Corporation, 30 November 1998. *Petroleum Tank Closure and Recommended Site Action Report, Presidio of San Francisco, Volume 1, Report and Appendix A.*
- (#9) IT Corporation, September 1997. *Underground Storage Tank Closure Report, UST Number 979.3, Presidio of San Francisco.*
- (#10) IT Corporation, August 1997. *Underground Storage Tank Closure Report, UST Number 931, Presidio of San Francisco.*
- (#11) IT Corporation, August 1997. *Aboveground/Underground Storage Tank Closure Report, AST Number 930.1 & UST Number 930.2, Presidio f San Francisco.*
- (#12) LW Environmental Services, Inc., 22 June 1999. *Hydraulic Lift Removals, Crissy Field, San Francisco, California.*
- (#13) Montgomery Watson, 31 August 1999. *Petroleum Sites Cleanup Program, Former Unsubstantiated and Outdoor Underground Storage Tank Sites (Round 3 Sites), Draft Final Mini-Corrective Action Plans, Presidio of San Francisco, California.*
- (#14) Montgomery Watson, June 1998. Building 900 Series Area, Groundwater Monitoring Program, January 1998 Quarterly Report, Presidio of San Francisco, California.
- (#15) Montgomery Watson, November 1996. Additional Site Investigations of Previous Underground Storage Tank Locations, Final Additional Underground Storage Tank Investigation Report.
- (#16) Montgomery Watson, October 1995. Assessment of the Presence of Unsubstantiated Storage Tanks, Final.
- (#17) Montgomery Watson, 30 July 1993. Underground Storage Tank Removal Confirmation Sampling Monthly Report for May 1993.
- (#18) Montgomery Watson, February 1993. Phase II Preliminary Assessment, Underground Storage Tank Data Sheets.
- (#19) Treadwell & Rollo, October 2003. Draft Semi-Annual Groundwater Monitoring Report, First and Second Quarters of 2003, Presidio-Wide Groundwater Monitoring Program, Presidio of San Francisco, California.
- (#20) Treadwell & Rollo, March 2003. Draft Building 900s Construction Completion Report, Presidio of San Francisco.
- (#21) U.S. Army, 16 March 1993. Underground Storage Tank Closure Application, Building 979, Presidio of San Francisco.
- (#22) U.S. Army, 2 July 1992. Underground Storage Tank Closure Application, Building 937, Presidio of San Francisco.

<u>Abbreviations:</u>	
AST	aboveground storage tank
BTEX	benzene, toluene, ethylbenzene, and xylenes
NFA	no further action
Order	RWQCB Order No. R2-2003-0080, Revised Site Cleanup Requirements and Rescission of Order No. 91-082 and Order No. 96-070 for the Property Located at the Presidio of San Francisco, City and County of San Francisco
PAHs	polycyclic aromatic hydrocarbons
PCBs	polychlorinated biphenyls
RWQCB	California Regional Water Quality Control Board, San Francisco Bay Region
TPHd	total petroleum hydrocarbons quantified as diesel
TPHfo	total petroleum hydrocarbons quantified as fuel oil
TPHg	total petroleum hydrocarbons quantified as gasoline
UST	underground storage tank

TABLE 3-3
ASSESSMENT OF CRISSY FIELD AREA HISTORICAL RECORD REVIEW SITES (a)
Presidio of San Francisco, California

TABLE 3-3

Site Name	Prior Building Name (b)	Site Category	Site Description (c)	Description of Investigation or Remedial Actions (d)	Conclusion	Future Work at the Site	References
Former Building 233	Building T-233	C	Built in 1942, Building 233 originally operated as a Post Exchange. In 1945, Building 233 was converted to medical and dental facilities, which included a small photographic laboratory for x-ray development. By 1960, the dental and laboratory areas were converted into a pediatric treatment room and administrative room. Building 233 was demolished in 1983. Throughout its lifetime, no evidence of hazardous material usage or storage was found in the records.	Former Building 233 was located immediately south of the East of Mason site, within the footprint of the restored wetlands. In 1998, composite soil samples were collected in the vicinity of the former Building 233 as a part of the Fill Site 7 grid sampling. Mercury, which was historically used in fillings, was either not detected or below the applicable cleanup level in soil samples FS07SB082 and FS07SB083. Concentrations of other metals were also either not detected or were below the applicable cleanup levels (#5). Additionally, in 1994, metals (including mercury), semi-volatile organic compounds (“SVOCs”), herbicides, and pesticides were either not detected or were below drinking water standards in grab groundwater sample EOMSB05, collected as part of the Army’s Remedial Investigation of the East of Mason site (#1).	Based on historic use, soil and groundwater sample analytical data, former Building 233 is not considered an environmental concern.	No further action at former Building 233.	#1, #4, #5
Former Building 251	Building M-25	C	Built 1941, Building 251 was identified as the former Commissary warehouse. Later, Building 251 became the Post Commissary’s warehouse. No evidence of hazardous materials storage or handling was found.	Based on historic use, Building 251 is not considered an environmental concern.	Based on historic use, Building 251 is not considered an environmental concern.	No further action at former Building 251.	#4
Former Building 675	N/A	C	Building 675 was identified as a firing range in a historic records report prepared by a Restoration Advisory Board (“RAB”) member in 1996 (“RAB Report”) (#10). However, upon in-depth archive research by the Army, Building 675 was identified as a terminal equipment hut (#4). Building 675 was located 120 feet south of former Crissy Field Skeet Range (See Table 3-1).	The footprint of former Building 675 was included in the investigation and remediation of the Crissy Field Rifle Institute and Skeet Ranges (see Table 3-1). Soil in the vicinity of the former Building 675 was excavated to 2-feet below ground surface (“bgs”) as a part of the Crissy Field Rifle Institute and Skeet Range excavation. Verification soil samples were analyzed for lead and polycyclic aromatic hydrocarbons (“PAHs”). Lead and PAHs were either not detected or below the applicable cleanup levels around former Building 675 (#2).	Soil around former Building 675 has been removed as a part of the Crissy Field Rifle Institute and Skeet Ranges excavation. Verification soil sample analytical data around former Building 675 indicate that chemical concentrations are either not detected or below applicable cleanup levels. Any chemical releases from activities at former Building 675 were likely removed as a part of the Crissy Field Rifle Institute and Skeet Ranges excavation.	No further action at former Building 675.	#2, #4, #10
Former Building 901 Area	N/A	A	Building 901 was constructed in 1940. An area of approximately 1.2 acres located immediately north of Building 901 was identified as a small fenced motor pool and vehicle storage area that contained two vehicle repair sheds and a grease rack (“former Building 901 Area”). The motor pool operated until 1973. Building 901 was demolished prior to the restoration of the airfield at Crissy Field. Several feet of soil excavated from the Crissy Field wetlands restoration were placed on the airfield in the former Building 901 Area.	The only available soil data for the former Building 901 Area is one surface sample collected within the footprint of the former Building 901. In the surface sample collected in the footprint of Building 901, lead was detected at 3.1 mg/kg (#5). This concentration is significantly less than the cleanup level of 477 mg/kg. Former groundwater monitoring well LF7GW03 was located downgradient of the former Building 901 Area. The well was sampled regularly by the Army. Petroleum products (“TPH”), volatile organic compounds (“VOCs”), and SVOCs were not detected in the last four rounds of groundwater data (#8).	Although soil data is not available for the former Building 901 Area, groundwater data immediately downgradient of the site show that significant impacts to groundwater from activities in the Building 901 Area have not occurred. In addition, visually impacted or odorous oil was not discovered during the grading and placement of soil from the wetlands restoration onto the airfield. Moreover, the several feet of soil placed on top of the Building 901 Area as part of the airfield restoration provides a contact barrier by human and ecological receptors to any impacted soil that may have been present at the site.	No action for the former Building 901 Area.	#4, #5, #8

TABLE 3-3
ASSESSMENT OF CRISSY FIELD AREA HISTORICAL RECORD REVIEW SITES (a)
Presidio of San Francisco, California

TABLE 3-3

Site Name	Prior Building Name (b)	Site Category	Site Description (c)	Description of Investigation or Remedial Actions (d)	Conclusion	Future Work at the Site	References
Former Building 904	Building T-904, Building T-990	C	Building 904 was built in 1942. Building 904 was identified as a photographic darkroom in the RAB Report (#10). However, upon in-depth archive research by the Army, Building 904 was reportedly used as a general storehouse, administrative offices, and a U.S. Army Reserve school (#4). An adjacent building, Building 908, was identified as a photographic laboratory. Building 908 is addressed below.	Based on historic use, former Building 904 is not considered an environmental concern.	Based on historic use, former Building 904 is not considered an environmental concern.	No further action at former Building 904.	#4, #10
Former Building 908	N/A	A	Building 908 was constructed in 1940. From its construction until 1956, Building 908 was identified as a general recreation facility and bowling alley. From 1956 to approximately 1975, Building 908 was identified as a photographic laboratory, which included a plate coating room and dark room. From 1975 until 1996, Building 908 was used for administrative purpose and for storage. In 1996, Building 908 was demolished (#4). Several feet of soil excavated from the Crissy Field wetlands restoration were placed on the airfield in the Building 908 area.	The only available soil data for Building 908 is one sample collected within the footprint of the former Building 908. Lead was detected at a concentration of 110 mg/kg in this sample, which is below the applicable cleanup level of 477 mg/kg (#5).	Although limited soil data are available for the former Building 908, several feet of soil were placed on top of former Building 908 as a part of the Crissy Field wetland restoration. The several feet of soil placed on top of the former Building 908 provides a contact barrier by human and ecological receptors to any impacted soil that may have been present at the site.	No action at the former Building 908.	#4, #5
Former Building 909	Building T-909	C	Building 909 was identified as a photographic dark room in the RAB Report (#10). However, upon in-depth archive research by the Army, Building 909 was used as an enlisted barracks from 1941 until 1948. From 1948 until 1989, Building 909 was used for administrative purposes. Building 909 was demolished in 1996 (#4).	Based on historic use, former Building 909 is not considered an environmental concern.	Based on historic use, former Building 909 is not considered an environmental concern.	No further action at former Building 909.	#4, #10
Former Building 922	N/A	B	Building 922 was identified as the firing line at the Building 924 Firing Range (#4). The building number designation was later used for an existing building located south of Building 924.	Former Building 922 was included in the investigation and remediation of the Building 924 Firing Range (see Table 3-1). The Army collected three soil samples along the former firing line (#5). One of the samples contained zinc above the applicable cleanup level of 89 mg/kg. This area was excavated to a depth of 4 feet bgs as part of the Building 924 Firing Range excavations. Verification soil samples were analyzed for copper, lead, and zinc. The metals concentrations in the verification soil samples collected in the former Building 922 area were all less than the applicable cleanup levels (#2).	Soil around the former Building 922 was excavated as part of the Building 924 Firing Range excavation. Verification sampling results indicate that metals concentrations were below the applicable cleanup levels. Therefore, the available data indicate that former Building 922 is not a likely environmental concern.	No further action at former Building 922.	#2, #4, #5
Former Building 928	N/A	B	Former Building 928 was identified as a gasoline pumphouse and station. This pumphouse is likely associated with Tanks 926.1 through 926.5 (see Table 3-2 and Figure 3-2) that were located in the same area.	Former Building 928 was located in the Building 923/937 excavation area, which excavated to a depth of 1 to 2-feet bgs (#2). No indications of underground storage tanks (“USTs”) or product piping were noted during this excavation. However, petroleum odors were noted in the excavation in the vicinity of former Building 928. Consequently, the Army analyzed the verification soil samples for TPH, VOCs, including benzene, toluene, ethylbenzene, and xylenes (“BTEX”), and PAHs. TPH concentrations were either not detected or were less than the applicable cleanup levels. BTEX and PAHs were not detected in any of the soil samples (#2). The available data indicate that Building 928 is not likely an environmental concern.	Shallow soil around Building 928 has been removed as a part of the Building 923/937 Area excavation. VOCs, TPH, and PAHs were either not detected or were below applicable cleanup levels in verification samples collected near the former Building 928.	No further action at former Building 928.	#2, #4

TABLE 3-3
ASSESSMENT OF CRISSY FIELD AREA HISTORICAL RECORD REVIEW SITES (a)
Presidio of San Francisco, California

TABLE 3-3

Site Name	Prior Building Name (b)	Site Category	Site Description (c)	Description of Investigation or Remedial Actions (d)	Conclusion	Future Work at the Site	References
Former Building 938	N/A	B	Building 938 was identified as a motor pool in the RAB Report (#10). However, upon in-depth archive research by the Army, Building 928 was used as a location for vehicle inspection, a warehouse, and a paint shop (#4).	<p>Two hydraulic lifts were discovered at the southern end of former Building 938 during the Crissy Field restoration. The lifts and associated piping were removed by the Trust (see Tank 937.3 in Table 3-2). Petroleum hydrocarbons were not detected in the verification samples for the hydraulic lift removal (#6). No other subgrade structures or visually impacted or odorous soil were discovered during the restoration earthwork activities in this area.</p> <p>One former groundwater well, 937GW04, and two existing groundwater well, 937GW15 and 937GW37, are located in the immediate vicinity of former Building 938. VOCs were either not detected or were less than drinking water standards in groundwater samples from 1996 to 1998 in the former groundwater well (#7). VOCs were either not detected or less than drinking water standards from 1993 to the last round of sampling in 2003. TPH was either not detected or less than drinking water standards from 1997 to the last round of sampling in 2003 (#9).</p> <p>Two former groundwater monitoring wells, 937GW08 and 937GW24, and one existing groundwater monitoring well, 937GW07, are located immediately downgradient of former Building 938. TPH and VOCs were either not detected or were less than drinking water standards in groundwater samples collected from 1996 to 1998 in the former well (#7). TPH and VOCs were either not detected or less than drinking water standards in the existing well from 1996 to the last round of sampling in 2003 (#9).</p>	Hydraulic lifts associated with former Building 938 were removed. No other visually impacted or odorous soil was identified in the area. Available groundwater data in the immediate vicinity of the former Building 938 show that impacts to groundwater from activities at former Building 938 have not occurred. Therefore, the available data indicate that former Building 938 is not a likely environmental concern.	No further action at former Building 938.	#4, #6, #7, #9, #10
Former Old Building 942	Building T-942	C	Building 942 was built in 1940. Building 942 was identified as a motor pool in the RAB Report (#10). However, upon in-depth archive research by the Army, Building 942 was identified as a men’s dressing room and latrine (#4). Building 942 was located within the former Building 900 series motor pool area. No record of hazardous material storage associated with the building was found. In 1946, the building number designation was used for a flammable material storage shed, located south of Building 924 (see below).	<p>Based on historic use, former Old Building 942 is not considered an environmental concern. In addition, soil in the vicinity of former Old Building 942 was excavated as part of the Fuel Distribution System (“FDS”) line removal. TPH and BTEX were not detected in verification soil sample CF01006T01, collected within the footprint of former Old Building 942 (#3).</p> <p>Moreover, former monitoring well 937GW20 was located in the downgradient direction from Old Building 942. From 1996 to 1998, when the well was decommissioned, VOCs and TPH were either not detected or below drinking water standards (#7).</p>	Based on historic use and available soil and groundwater data, Old Building 942 is not considered an environmental concern.	No further action at former Old Building 942.	#3, #4, #7
Building 942	N/A	B	Building 942 was identified as flammable material storage, located south of the Building 924.	Building 942 is located adjacent to Building 923/937 Area excavation (See Table 3-1). Soil was excavated to 1-foot bgs in the immediate vicinity of Building 942. Verification soil samples were analyzed for copper, lead, cadmium, zinc, and methylene chloride. All of these compounds were either not detected or were below the applicable cleanup levels (#2). No visually contaminated or odorous soil was identified in the vicinity of Building 942 during the excavation activities.	Soil around Building 942 has been removed as a part of the Building 923/937 Area excavation. Verification soil sample data collected from the Building 942 area indicate that chemical concentrations were either not detected or were below applicable cleanup levels. Any chemical releases from Building 942 were likely removed as part of the Building 923/937 area excavation.	No further action at Building 942.	#2, #4

TABLE 3-3
ASSESSMENT OF CRISSY FIELD AREA HISTORICAL RECORD REVIEW SITES (a)
Presidio of San Francisco, California

TABLE 3-3

Site Name	Prior Building Name (b)	Site Category	Site Description (c)	Description of Investigation or Remedial Actions (d)	Conclusion	Future Work at the Site	References
Former Building 947/965	N/A	B	Building 947/965 was identified as gas pumps, with aboveground storage tanks (“ASTs”) and fuel island. The Historical Records Report indicates that Building 965 refers to the ASTs and Building 947 refers to the fuel island (#4).	The Army’s Remedial Investigation indicates that the ASTs and fuel island associated with Building 947/965 were removed (#1). Fuel pumps and associated ASTs are addressed in Table 3-2.	See Tanks 933.1 through 933.4 in Table 3-2.	No further action at former Building 947/965. See Table 3-2 for discussion of this site.	#1, #4
Former Building 974 Area	N/A	B	The former Building 974 Area was identified as a “Mill Type Refuse Burner,” which is an incinerator. Impacts associated with incinerators typically include metals and PAHs, which generally are not mobile.	The former Building 974 Area was excavated to a depth of 3 to 4 feet bgs as part of the Building 950 Area excavations. Verification soil samples were analyzed for cadmium, copper, lead, and zinc. The metals concentrations in the verification soil samples collected in the former Building 974 Area were all less than the applicable cleanup levels (#2).	Soil around the Building 974 Area was excavated as a part of the Building 950 Area excavation. Verification sampling results indicate that metals concentrations were below the applicable cleanup levels. Therefore, the available data indicate that impacts, if any, from the former incinerator at the Building 974 Area would have been remediated.	No further action at the former Building 974 Area.	#2, #4
Former Building 979 Area	N/A	B	The former Building 979 Area was identified as an unknown fuel oil pipeline segment of the FDS pipeline that was discovered during the historical records research.	The Historical Records Report did not identify the specific segment of FDS that was reportedly present in the former Building 979 Area. However, the report indicated that the FDS segment would be removed as part of the FDS program (#3). Results of the FDS removal for all FDS segments in the Crissy Field RAP Area are summarized in Table 3-1. If this unidentified segment of FDS line was not removed as part of the main FDS removal, it would have been discovered during the Building 950 Area excavation, which extended up to the former Building 979 Area.	The FDS pipeline segment and any soil that may have been contaminated by the pipeline would have been removed as part of the Army’s FDS program. The former Building 979 Area is not an environmental concern.	No further action at the former Building 979 Area.	#4
Former Building 981	N/A	B	Former Building 981 was identified as a paint shop and a paint and oil storage shed.	Soil around former Building 981 was excavated to a depth of 2 feet bgs as a part of the Building 950 Area excavation. Verification soil samples were analyzed for cadmium, copper, lead, and zinc, which are metals that are often associated with painting operations. The metals concentrations in the verification soil samples collected in the former Building 981 area were all less than the applicable cleanup levels (#2).	Soil around Building 981 was excavated as part of the Building 950 Area excavation. In addition, verification sampling results indicate that metals concentrations were below the applicable cleanup levels. Therefore, the available data indicate that impacts, if any, from activities at former Building 982 would have been remediated.	No further action at former Building 981.	#2, #4
Former Building 982	Building P-95	C	Former Building 982 was constructed in 1909. Building 982 was identified as a motor pool (#10). However, upon in-depth archive research by the Army, Building 982 was reportedly used for administrative purposes. Building 982 was demolished some time between 1972 and 1978 (#4).	Based on historic use, former Building 982 is not considered an environmental concern. Additionally, soil around former Building 982 was excavated to a depth of 2 feet bgs as a part of the Building 950 Area excavation. Verification soil samples were analyzed for cadmium, copper, lead, and zinc. The metals concentrations in the verification soil samples collected in the former Building 982 area were all less than the applicable cleanup levels (#2).	Based on historic use and available soil data, former Building 982 is not considered an environmental concern.	No further action at former Building 982.	#2, #4, #10

TABLE 3-3
ASSESSMENT OF CRISSY FIELD AREA HISTORICAL RECORD REVIEW SITES (a)
Presidio of San Francisco, California

TABLE 3-3

- Notes:
- (a) Historical records review sites included in this Table are those sites identified in the IT report, entitled *Additional Sites of Potential Environmental Concern: In-Depth Historical Research Results* and dated 17 February 1999 (“Historical Record Report”), and located within the Crissy Field RAP Area. Locations of the sites are shown on Figure 3-3.
 - (b) Site Category obtained from the Historical Records Report. The Historic Records Report classified sites in two steps: initial research activities, which entailed research of historical uses of the sites; and in-depth research activities, which entailed review of Presidio archives, and previous and ongoing studies at the Presidio. The Site Categories identified in the Historic Records Report are as follows:
 - A – Research suggests that additional information may be needed for closure. Note that depending on the site of the need for information, the level of effort to obtain the additional information may range from addition research, to a visual inspection, or an intrusive investigation (i.e., sampling and analyses). Specific recommendations regarding the extent of additional information required will be decided at a later date.
 - B – Sites, which during the course of the in-depth research, were found to be included in previous or ongoing investigation/remediation. (Note that once these sites were identified in previous or current studies, IT did not perform further historical research)
 - C – Sites where the in-depth research did not reveal known potential environmental concerns.
 - (c) Building descriptions and historical uses were obtained from the Historical Records Report.
 - (d) Describes available data or remedial actions performed at or near the site of interest.

References:

- (#1) Dames & Moore, January 1997. *Final Remedial Investigation Report, Presidio Main Installation, Presidio of San Francisco.*
- (#2) International Technology (“IT”) Corporation, 7 June 1999. *Soil Remediation Closure Report, Crissy Field Area, Presidio of San Francisco, California.*
- (#3) IT Corporation, May 1999b. *Fuel Distribution System Closure Report, Presidio of San Francisco, California.*
- (#4) IT Corporation, 17 February 1999. *Additional Sites of Potential Environmental Concern: In-Depth Historical Research Results (“Historical Records Report”).*
- (#5) IT Corporation, 22 May 1998. *Pre-Remediation Sampling Data Summary, Crissy Field, Presidio of San Francisco, California.*
- (#6) LW Environmental Services, Inc., 22 June 1999. *Hydraulic Lift Removals, Crissy Field, San Francisco, California.*
- (#7) Montgomery Watson, June 1998. *Building 900 Series Area, Groundwater Monitoring Program, January 1998 Quarterly Report, Presidio of San Francisco, California.*
- (#8) Montgomery Watson, 31 March 1998. *Fill Site 7 Groundwater Monitoring Program October 1997 Quarterly Report.*
- (#9) Treadwell & Rollo, Inc., 14 October 2003. *Semi-Annual Groundwater Monitoring Report, First and Second Quarters 2003, Presidio-wide Groundwater Monitoring Program, Presidio of San Francisco, California.*
- (#10) Youngkin, Mark, 24 June 1996. *Historical Environmental Document Survey, Army Records Center, Presidio of San Francisco (“RAB Report”).*

Abbreviations:

ASTs = above ground storage tanks
bgs = below ground surface
BTEX = benzene, toluene, ethylbenzene, xylenes
FDS = Fuel Distribution System
N/A = not applicable
PAHs = polycyclic aromatic hydrocarbons
RAB = Restoration Advisory Board
SVOCs = semivolatile organic compounds
TPH = total petroleum hydrocarbons
USTs = underground storage tanks
VOCs = volatile organic compounds

TABLE 3-4
BUILDING 900s AREA GROUNDWATER TREND SUMMARY
 Presidio of San Francisco, California

Well ID	Chemical (a)	Date Range		Number of Analyses	Percentage Non-Detects	Maximum Detected (µg/l)	Cleanup Level (µg/l) (b)	Statistical Trend Test (c)
937GW06								
	TCE	10/1/1990	6/3/2003	37	100%	NA (d)	81	NA
	1,2-DCE	8/2/1993	6/3/2003	36	31%	18.5	140,000	Downward Trend
	VC	10/1/1990	6/3/2003	37	82%	18	525	Stable
	Benzene	10/1/1990	6/3/2003	37	86%	1.4	510	Stable
	Ethylbenzene	10/1/1990	6/3/2003	37	100%	NA	43	NA
	Toluene	10/1/1990	6/3/2003	37	90%	0.8	1,000	Stable
	Xylenes	10/1/1990	6/3/2003	37	100%	NA	130	NA
	TPHg	8/2/1993	6/3/2003	36	100%	NA	1,200	NA
	TPHd	8/2/1993	6/3/2003	36	92%	310	2,200	Stable
	TPHfo	7/19/1995	6/3/2003	28	93%	702	2,200	NA
937GW07								
	TCE	10/5/1990	6/6/2003	34	100%	NA	81	NA
	1,2-DCE	7/30/1993	6/6/2003	33	100%	NA	140,000	NA
	VC	10/5/1990	6/6/2003	34	100%	NA	525	NA
	Benzene	10/5/1990	6/6/2003	34	100%	NA	510	NA
	Ethylbenzene	10/5/1990	6/6/2003	34	100%	NA	43	NA
	Toluene	10/5/1990	6/6/2003	34	100%	NA	1,000	NA
	Xylenes	10/5/1990	6/6/2003	34	100%	NA	130	NA
	TPHg	7/30/1993	6/6/2003	33	97%	93	1,200	NA
	TPHd	7/30/1993	6/6/2003	33	85%	130	2,200	Downward Trend
	TPHfo	7/27/1995	6/6/2003	25	100%	NA	2,200	NA

TABLE 3-4
BUILDING 900s AREA GROUNDWATER TREND SUMMARY
 Presidio of San Francisco, California

Well ID	Chemical (a)	Date Range		Number of Analyses	Percentage Non-Detects	Maximum Detected (µg/l)	Cleanup Level (µg/l) (b)	Statistical Trend Test (c)
937GW12								
	TCE	8/2/1993	6/3/2003	36	83%	8.6	81	Stable
	1,2-DCE	8/2/1993	6/3/2003	36	33%	55	140,000	Stable
	VC	8/2/1993	6/3/2003	36	46%	39	525	Stable
	Benzene	8/2/1993	6/3/2003	36	100%	NA	510	NA
	Ethylbenzene	8/2/1993	6/3/2003	36	100%	NA	43	NA
	Toluene	8/2/1993	6/3/2003	36	100%	NA	1,000	NA
	Xylenes	8/2/1993	6/3/2003	36	100%	NA	130	NA
	TPHg	8/2/1993	6/3/2003	36	100%	NA	1,200	NA
	TPHd	8/2/1993	6/3/2003	37	78%	250	2,200	Downward Trend
	TPHfo	7/26/1995	6/3/2003	29	97%	460	2,200	NA
937GW15								
	TCE	10/2/1990	6/6/2003	37	100%	NA	81	NA
	1,2-DCE	8/3/1993	6/6/2003	36	94%	4.2	140,000	Stable
	VC	10/2/1990	6/6/2003	37	97%	0.61	525	Stable
	Benzene	10/2/1990	6/6/2003	37	100%	NA	510	NA
	Ethylbenzene	10/2/1990	6/6/2003	37	100%	NA	43	NA
	Toluene	10/2/1990	6/6/2003	37	97%	0.74	1,000	Stable
	Xylenes	10/2/1990	6/6/2003	37	97%	0.6	130	NA
	TPHg	8/3/1993	6/6/2003	36	100%	NA	1,200	NA
	TPHd	8/3/1993	6/6/2003	36	83%	350	2,200	Downward Trend
	TPHfo	7/21/1995	6/6/2003	28	100%	NA	2,200	NA

TABLE 3-4
BUILDING 900s AREA GROUNDWATER TREND SUMMARY
 Presidio of San Francisco, California

Well ID	Chemical (a)	Date Range		Number of Analyses	Percentage Non-Detects	Maximum Detected (µg/l)	Cleanup Level (µg/l) (b)	Statistical Trend Test (c)
937GW32R								
	TCE	8/6/1993	6/3/2003	36	100%	NA	81	NA
	1,2-DCE	8/6/1993	6/3/2003	36	75%	7.2	140,000	Downward Trend
	VC	8/6/1993	6/3/2003	36	100%	NA	525	NA
	Benzene	8/6/1993	6/3/2003	36	97%	0.20	510	NA
	Ethylbenzene	8/6/1993	6/3/2003	36	97%	0.80	43	NA
	Toluene	8/6/1993	6/3/2003	36	100%	NA	1,000	NA
	Xylenes	8/6/1993	6/3/2003	36	97%	1.3	130	NA
	TPHg	8/6/1993	6/3/2003	36	100%	NA	1,200	NA
	TPHd	8/6/1993	6/3/2003	37	81%	1700	2,200	Stable
	TPHfo	7/20/1995	6/3/2003	29	100%	NA	2,200	NA
937GW35								
	TCE	8/9/1993	6/3/2003	35	40%	1.9	81	Upward Trend
	1,2-DCE	8/9/1993	6/3/2003	35	3%	9.1	140,000	Downward Trend
	VC	8/9/1993	6/3/2003	35	9%	14	525	Downward Trend
	Benzene	8/9/1993	6/3/2003	35	94%	0.3	510	Stable
	Ethylbenzene	8/9/1993	6/3/2003	35	100%	NA	43	NA
	Toluene	8/9/1993	6/3/2003	35	100%	NA	1,000	NA
	Xylenes	8/9/1993	6/3/2003	35	100%	NA	130	NA
	TPHg	8/9/1993	6/3/2003	35	97%	320	1,200	NA
	TPHd	8/9/1993	6/3/2003	36	92%	740	2,200	Stable
	TPHfo	7/18/1995	6/3/2003	28	96%	520	2,200	NA

TABLE 3-4
BUILDING 900s AREA GROUNDWATER TREND SUMMARY
 Presidio of San Francisco, California

Well ID	Chemical (a)	Date Range		Number of Analyses	Percentage Non-Detects	Maximum Detected (µg/l)	Cleanup Level (µg/l) (b)	Statistical Trend Test (c)
937GW37								
	TCE	8/10/1993	6/3/2003	36	100%	NA	81	NA
	1,2-DCE	8/10/1993	6/3/2003	36	97%	0.6	140,000	Stable
	VC	8/10/1993	6/3/2003	36	100%	NA	525	NA
	Benzene	8/10/1993	6/3/2003	36	100%	NA	510	NA
	Ethylbenzene	8/10/1993	6/3/2003	36	100%	NA	43	NA
	Toluene	8/10/1993	6/3/2003	36	100%	NA	1,000	NA
	Xylenes	8/10/1993	6/3/2003	36	100%	NA	130	NA
	TPHg	8/10/1993	6/3/2003	36	100%	NA	1,200	NA
	TPHd	8/10/1993	6/3/2003	37	81%	140	2,200	Downward Trend
	TPHfo	7/26/1995	6/3/2003	29	97%	420	2,200	NA
937GW38								
	TCE	8/9/1993	6/3/2003	36	97%	0.6	81	NA
	1,2-DCE	8/9/1993	6/3/2003	36	97%	17.7	140,000	Stable
	VC	8/9/1993	6/3/2003	36	100%	NA	525	NA
	Benzene	8/9/1993	6/3/2003	36	97%	1.0	510	NA
	Ethylbenzene	8/9/1993	6/3/2003	36	100%	NA	43	NA
	Toluene	8/9/1993	6/3/2003	36	97%	1.6	1,000	Stable
	Xylenes	8/9/1993	6/3/2003	36	100%	NA	130	NA
	TPHg	8/9/1993	6/3/2003	36	100%	NA	1,200	NA
	TPHd	8/9/1993	6/3/2003	36	94%	68	2,200	Stable
	TPHfo	7/17/1995	6/3/2003	28	100%	NA	2,200	NA

TABLE 3-4
BUILDING 900s AREA GROUNDWATER TREND SUMMARY
 Presidio of San Francisco, California

Well ID	Chemical (a)	Date Range		Number of Analyses	Percentage Non-Detects	Maximum Detected (µg/l)	Cleanup Level (µg/l) (b)	Statistical Trend Test (c)
937GW39								
	TCE	8/10/1993	6/3/2003	36	100%	NA	81	NA
	1,2-DCE	8/10/1993	6/3/2003	36	44%	3.0	140,000	Downward Trend
	VC	8/10/1993	6/3/2003	36	100%	NA	525	NA
	Benzene	8/10/1993	6/3/2003	36	100%	NA	510	NA
	Ethylbenzene	8/10/1993	6/3/2003	36	100%	NA	43	NA
	Toluene	8/10/1993	6/3/2003	36	100%	NA	1,000	NA
	Xylenes	8/10/1993	6/3/2003	36	100%	NA	130	NA
	TPHg	8/10/1993	6/3/2003	36	97%	66	1,200	NA
	TPHd	8/10/1993	6/3/2003	36	92%	120	2,200	Stable
	TPHfo	7/31/1995	6/3/2003	28	100%	NA	2,200	NA
937GW42								
	TCE	5/5/1994	6/9/2003	29	100%	NA	81	NA
	1,2-DCE	5/5/1994	6/9/2003	29	14%	300	140,000	Downward Trend
	VC	5/5/1994	6/9/2003	29	28%	27	525	Downward Trend
	Benzene	5/5/1994	6/9/2003	29	48%	7.9	510	Stable
	Ethylbenzene	5/5/1994	6/9/2003	29	100%	NA	43	NA
	Toluene	5/5/1994	6/9/2003	29	100%	NA	1,000	NA
	Xylenes	5/5/1994	6/9/2003	29	100%	NA	130	NA
	TPHg	5/5/1994	6/9/2003	29	97%	85	1,200	NA
	TPHd	5/5/1994	6/9/2003	30	73%	59,000	2,200	Stable
	TPHfo	7/24/1995	6/9/2003	25	84%	67,000	2,200	Stable

TABLE 3-4
BUILDING 900s AREA GROUNDWATER TREND SUMMARY
 Presidio of San Francisco, California

Well ID	Chemical (a)	Date Range		Number of Analyses	Percentage Non-Detects	Maximum Detected (µg/l)	Cleanup Level (µg/l) (b)	Statistical Trend Test (c)
937GW101								
	TCE	9/6/2001	12/10/2003	10	100%	NA	81	NA
	c-1,2-DCE	9/6/2001	12/10/2003	10	40%	1.0	140,000	Stable
	t-1,2-DCE	9/6/2001	12/10/2003	10	100%	NA	140,000	NA
	VC	9/6/2001	12/10/2003	10	40%	12	525	Stable
	Benzene	9/6/2001	12/10/2003	10	100%	NA	510	NA
	Ethylbenzene	9/6/2001	12/10/2003	10	100%	NA	43	NA
	Toluene	9/6/2001	12/10/2003	10	90%	0.8	1,000	Stable
	Xylenes	9/6/2001	12/10/2003	10	100%	NA	130	NA
	TPHg	9/6/2001	12/10/2003	10	100%	NA	1,200	NA
	TPHd	9/6/2001	12/10/2003	10	90%	63	2,200	Stable
	TPHfo	9/6/2001	12/10/2003	10	100%	NA	2,200	NA
937GW102								
	TCE	9/6/2001	12/10/2003	10	100%	NA	81	NA
	c-1,2-DCE	9/6/2001	12/10/2003	10	10%	52	140,000	Upward Trend
	t-1,2-DCE	9/6/2001	12/10/2003	10	0%	52	140,000	Upward Trend
	VC	9/6/2001	12/10/2003	10	10%	37	525	Upward Trend
	Benzene	9/6/2001	12/10/2003	10	90%	0.2	510	NA
	Ethylbenzene	9/6/2001	12/10/2003	10	100%	NA	43	NA
	Toluene	9/6/2001	12/10/2003	10	100%	NA	1,000	NA
	Xylenes	9/6/2001	12/10/2003	10	100%	NA	130	NA
	TPHg	9/6/2001	12/10/2003	10	100%	NA	1,200	NA
	TPHd	9/6/2001	12/10/2003	10	90%	210	2,200	Stable
	TPHfo	9/6/2001	12/10/2003	10	100%	NA	2,200	NA

TABLE 3-4
BUILDING 900s AREA GROUNDWATER TREND SUMMARY
 Presidio of San Francisco, California

Well ID	Chemical (a)	Date Range		Number of Analyses	Percentage Non-Detects	Maximum Detected (µg/l)	Cleanup Level (µg/l) (b)	Statistical Trend Test (c)
937GW103								
	TCE	9/6/2001	12/10/2003	10	100%	NA	81	NA
	c-1,2-DCE	9/6/2001	12/10/2003	10	40%	3.7	140,000	Stable
	t-1,2-DCE	9/6/2001	12/10/2003	10	30%	4.8	140,000	Stable
	VC	9/6/2001	12/10/2003	10	70%	2.2	525	Stable
	Benzene	9/6/2001	12/10/2003	10	100%	NA	510	NA
	Ethylbenzene	9/6/2001	12/10/2003	10	100%	NA	43	NA
	Toluene	9/6/2001	12/10/2003	10	100%	NA	1,000	NA
	Xylenes	9/6/2001	12/10/2003	10	100%	NA	130	NA
	TPHg	9/6/2001	12/10/2003	10	100%	NA	1,200	NA
	TPHd	9/6/2001	12/10/2003	10	100%	NA	2,200	NA
	TPHfo	9/6/2001	12/10/2003	10	100%	NA	2,200	NA
937GW104								
	TCE	9/7/2001	12/17/2003	10	100%	NA	81	NA
	c-1,2-DCE	9/7/2001	12/17/2003	10	100%	NA	140,000	NA
	t-1,2-DCE	9/7/2001	12/17/2003	10	100%	NA	140,000	NA
	VC	9/7/2001	12/17/2003	10	100%	NA	525	NA
	Benzene	9/7/2001	12/17/2003	10	100%	NA	510	NA
	Ethylbenzene	9/7/2001	12/17/2003	10	100%	NA	43	NA
	Toluene	9/7/2001	12/17/2003	10	100%	NA	1,000	NA
	Xylenes	9/7/2001	12/17/2003	10	100%	NA	130	NA
	TPHg	9/7/2001	12/17/2003	10	100%	NA	1,200	NA
	TPHd	9/7/2001	12/17/2003	10	100%	NA	2,200	NA
	TPHfo	9/7/2001	12/17/2003	10	100%	NA	2,200	NA

TABLE 3-4
BUILDING 900s AREA GROUNDWATER TREND SUMMARY
 Presidio of San Francisco, California

Well ID	Chemical (a)	Date Range		Number of Analyses	Percentage Non-Detects	Maximum Detected (µg/l)	Cleanup Level (µg/l) (b)	Statistical Trend Test (c)
937GW105								
	TCE	9/7/2001	12/19/2003	10	100%	NA	81	NA
	c-1,2-DCE	9/7/2001	12/19/2003	10	0%	0.9	140,000	Stable
	t-1,2-DCE	9/7/2001	12/19/2003	10	100%	NA	140,000	NA
	VC	9/7/2001	12/19/2003	10	100%	NA	525	NA
	Benzene	9/7/2001	12/19/2003	10	100%	NA	510	NA
	Ethylbenzene	9/7/2001	12/19/2003	10	100%	NA	43	NA
	Toluene	9/7/2001	12/19/2003	10	100%	NA	1,000	NA
	Xylenes	9/7/2001	12/19/2003	10	100%	NA	130	NA
	TPHg	9/7/2001	12/19/2003	10	100%	NA	1,200	NA
	TPHd	9/7/2001	12/19/2003	10	90%	77	2,200	Stable
	TPHfo	9/7/2001	12/19/2003	10	100%	NA	2,200	NA
937GW106								
	TCE	8/31/2001	12/18/2003	10	0%	4.7	81	Stable
	c-1,2-DCE	8/31/2001	12/18/2003	10	0%	2.3	140,000	Upward Trend
	t-1,2-DCE	8/31/2001	12/18/2003	10	100%	NA	140,000	NA
	VC	8/31/2001	12/18/2003	10	100%	NA	525	NA
	Benzene	8/31/2001	12/18/2003	10	100%	NA	510	NA
	Ethylbenzene	8/31/2001	12/18/2003	10	100%	NA	43	NA
	Toluene	8/31/2001	12/18/2003	10	100%	NA	1,000	NA
	Xylenes	8/31/2001	12/18/2003	10	100%	NA	130	NA
	TPHg	8/31/2001	12/18/2003	10	100%	NA	1,200	NA
	TPHd	8/31/2001	12/18/2003	10	70%	230	2,200	Stable
	TPHfo	8/31/2001	12/18/2003	10	100%	NA	2,200	NA

TABLE 3-4
BUILDING 900s AREA GROUNDWATER TREND SUMMARY
 Presidio of San Francisco, California

Well ID	Chemical (a)	Date Range		Number of Analyses	Percentage Non-Detects	Maximum Detected (µg/l)	Cleanup Level (µg/l) (b)	Statistical Trend Test (c)
937GW107								
	TCE	8/31/2001	12/19/2003	10	100%	NA	81	NA
	c-1,2-DCE	8/31/2001	12/19/2003	10	0%	14	140,000	Stable
	t-1,2-DCE	8/31/2001	12/19/2003	10	0%	6.2	140,000	Stable
	VC	8/31/2001	12/19/2003	10	100%	NA	525	NA
	Benzene	8/31/2001	12/19/2003	10	100%	NA	510	NA
	Ethylbenzene	8/31/2001	12/19/2003	10	100%	NA	43	NA
	Toluene	8/31/2001	12/19/2003	10	100%	NA	1,000	NA
	Xylenes	8/31/2001	12/19/2003	10	100%	NA	130	NA
	TPHg	8/31/2001	12/19/2003	10	90%	100	1,200	Stable
	TPHd	8/31/2001	12/19/2003	10	80%	64	2,200	Stable
	TPHfo	8/31/2001	12/19/2003	10	90%	470	2,200	Stable
937GW108 (e)								
	TCE	6/4/2002	12/11/2003	6	100%	NA	81	NA
	c-1,2-DCE	6/4/2002	12/11/2003	6	100%	NA	140,000	NA
	t-1,2-DCE	6/4/2002	12/11/2003	6	100%	NA	140,000	NA
	VC	6/4/2002	12/11/2003	6	100%	NA	525	NA
	Benzene	6/4/2002	12/11/2003	6	0%	54	510	Stable
	Ethylbenzene	6/4/2002	12/11/2003	6	66%	0.9	43	Downward Trend
	Toluene	6/4/2002	12/11/2003	6	0%	6	1,000	Stable
	Xylenes	6/4/2002	12/11/2003	6	33%	4.2	130	Downward Trend
	TPHg	6/4/2002	12/11/2003	6	0%	1200	1,200	Downward Trend
	TPHd	6/4/2002	12/11/2003	6	50%	680	2,200	Stable
	TPHfo	6/4/2002	12/11/2003	6	50%	1900	2,200	Stable

TABLE 3-4
BUILDING 900s AREA GROUNDWATER TREND SUMMARY
 Presidio of San Francisco, California

Well ID	Chemical (a)	Date Range		Number of Analyses	Percentage Non-Detects	Maximum Detected (µg/l)	Cleanup Level (µg/l) (b)	Statistical Trend Test (c)
950GW108 (f)								
	TCE	9/6/2001	12/11/2003	10	90%	2.2	81	Stable
	c-1,2-DCE	9/6/2001	12/11/2003	10	0%	280	140,000	Stable
	t-1,2-DCE	9/6/2001	12/11/2003	10	0%	100	140,000	Upward Trend
	VC	9/6/2001	12/11/2003	10	0%	18	525	Stable
	Benzene	9/6/2001	12/11/2003	10	40%	1	510	Stable
	Ethylbenzene	9/6/2001	12/11/2003	10	100%	NA	43	NA
	Toluene	9/6/2001	12/11/2003	10	100%	NA	1,000	NA
	Xylenes	9/6/2001	12/11/2003	10	100%	NA	130	NA
	TPHg	9/6/2001	12/11/2003	10	100%	NA	1,200	NA
	TPHd	9/6/2001	12/11/2003	10	100%	NA	2,200	NA
	TPHfo	9/6/2001	12/11/2003	10	100%	NA	2,200	NA
979GW110								
	TCE	9/7/2001	12/10/2003	10	100%	NA	81	NA
	c-1,2-DCE	9/7/2001	12/10/2003	10	60%	6.6	140,000	Stable
	t-1,2-DCE	9/7/2001	12/10/2003	10	80%	0.7	140,000	Stable
	VC	9/7/2001	12/10/2003	10	100%	NA	525	NA
	Benzene	9/7/2001	12/10/2003	10	90%	0.7	510	Stable
	Ethylbenzene	9/7/2001	12/10/2003	10	100%	NA	43	NA
	Toluene	9/7/2001	12/10/2003	10	90%	1.7	1,000	Stable
	Xylenes	9/7/2001	12/10/2003	10	100%	NA	130	NA
	TPHg	9/7/2001	12/10/2003	10	100%	NA	1,200	NA
	TPHd	9/7/2001	12/10/2003	10	90%	100	2,200	Stable
	TPHfo	9/7/2001	12/10/2003	10	90%	540	2,200	Stable

TABLE 3-4
BUILDING 900s AREA GROUNDWATER TREND SUMMARY
 Presidio of San Francisco, California

Well ID	Chemical (a)	Date Range		Number of Analyses	Percentage Non-Detects	Maximum Detected (µg/l)	Cleanup Level (µg/l) (b)	Statistical Trend Test (c)
979GW111R								
	TCE	6/5/2002	12/18/2003	7	0%	65	81	Stable
	c-1,2-DCE	6/5/2002	12/18/2003	7	0%	14	140,000	Stable
	t-1,2-DCE	6/5/2002	12/18/2003	7	0%	6.8	140,000	Stable
	VC	6/5/2002	12/18/2003	7	29%	1.1	525	Stable
	Benzene	6/5/2002	12/18/2003	7	100%	NA	510	NA
	Ethylbenzene	6/5/2002	12/18/2003	7	100%	NA	43	NA
	Toluene	6/5/2002	12/18/2003	7	100%	NA	1,000	NA
	Xylenes	6/5/2002	12/18/2003	7	100%	NA	130	NA
	TPHg	6/5/2002	12/18/2003	7	100%	NA	1,200	NA
	TPHd	6/5/2002	12/18/2003	7	100%	NA	2,200	NA
	TPHfo	6/5/2002	12/18/2003	7	100%	NA	2,200	NA
979GW112								
	TCE	8/31/2001	12/18/2003	10	0%	42	81	Stable
	c-1,2-DCE	8/31/2001	12/18/2003	10	0%	26	140,000	Stable
	t-1,2-DCE	8/31/2001	12/18/2003	10	0%	7.1	140,000	Stable
	VC	8/31/2001	12/18/2003	10	0%	5.5	525	Downward Trend
	Benzene	8/31/2001	12/18/2003	10	100%	NA	510	NA
	Ethylbenzene	8/31/2001	12/18/2003	10	100%	NA	43	NA
	Toluene	8/31/2001	12/18/2003	10	100%	NA	1,000	NA
	Xylenes	8/31/2001	12/18/2003	10	100%	NA	130	NA
	TPHg	8/31/2001	12/18/2003	10	100%	NA	1,200	NA
	TPHd	8/31/2001	12/18/2003	10	100%	NA	2,200	NA
	TPHfo	8/31/2001	12/18/2003	10	100%	NA	2,200	NA

TABLE 3-4
BUILDING 900s AREA GROUNDWATER TREND SUMMARY
 Presidio of San Francisco, California

Well ID	Chemical (a)	Date Range		Number of Analyses	Percentage Non-Detects	Maximum Detected (µg/l)	Cleanup Level (µg/l) (b)	Statistical Trend Test (c)
979GW113								
	TCE	9/7/2001	12/10/2003	10	10%	2.2	81	Stable
	c-1,2-DCE	9/7/2001	12/10/2003	10	20%	4.1	140,000	Stable
	t-1,2-DCE	9/7/2001	12/10/2003	10	100%	NA	140,000	NA
	VC	9/7/2001	12/10/2003	10	80%	0.7	525	Stable
	Benzene	9/7/2001	12/10/2003	10	100%	NA	510	NA
	Ethylbenzene	9/7/2001	12/10/2003	10	100%	NA	43	NA
	Toluene	9/7/2001	12/10/2003	10	100%	NA	1,000	NA
	Xylenes	9/7/2001	12/10/2003	10	100%	NA	130	NA
	TPHg	9/7/2001	12/10/2003	10	100%	NA	1,200	NA
	TPHd	9/7/2001	12/10/2003	10	70%	710	2,200	Stable
	TPHfo	9/7/2001	12/10/2003	10	90%	760	2,200	Stable
979GW114								
	TCE	9/7/2001	12/10/2003	10	100%	NA	81	NA
	c-1,2-DCE	9/7/2001	12/10/2003	10	10%	36	140,000	Stable
	t-1,2-DCE	9/7/2001	12/10/2003	10	40%	1.5	140,000	Upward Trend
	VC	9/7/2001	12/10/2003	10	30%	3.7	525	Stable
	Benzene	9/7/2001	12/10/2003	10	100%	NA	510	NA
	Ethylbenzene	9/7/2001	12/10/2003	10	100%	NA	43	NA
	Toluene	9/7/2001	12/10/2003	10	100%	NA	1,000	NA
	Xylenes	9/7/2001	12/10/2003	10	100%	NA	130	NA
	TPHg	9/7/2001	12/10/2003	10	100%	NA	1,200	NA
	TPHd	9/7/2001	12/10/2003	10	90%	110	2,200	Stable
	TPHfo	9/7/2001	12/10/2003	10	100%	NA	2,200	NA

TABLE 3-4
BUILDING 900s AREA GROUNDWATER TREND SUMMARY
 Presidio of San Francisco, California

Well ID	Chemical (a)	Date Range		Number of Analyses	Percentage Non-Detects	Maximum Detected (µg/l)	Cleanup Level (µg/l) (b)	Statistical Trend Test (c)
979GW115								
	TCE	8/29/2001	12/19/2003	10	0%	4.6	81	Stable
	c-1,2-DCE	8/29/2001	12/19/2003	10	0%	46	140,000	Stable
	t-1,2-DCE	8/29/2001	12/19/2003	10	30%	3.5	140,000	Stable
	VC	8/29/2001	12/19/2003	10	10%	4	525	Stable
	Benzene	8/29/2001	12/19/2003	10	100%	NA	510	NA
	Ethylbenzene	8/29/2001	12/19/2003	10	100%	NA	43	NA
	Toluene	8/29/2001	12/19/2003	10	100%	NA	1,000	NA
	Xylenes	8/29/2001	12/19/2003	10	100%	NA	130	NA
	TPHg	8/29/2001	12/19/2003	10	100%	NA	1,200	NA
	TPHd	8/29/2001	12/19/2003	10	90%	84	2,200	Stable
	TPHfo	8/29/2001	12/19/2003	10	100%	NA	2,200	NA
979GW116								
	TCE	8/29/2001	12/19/2003	10	60%	1.7	81	Stable
	c-1,2-DCE	8/29/2001	12/19/2003	10	0%	120	140,000	Stable
	t-1,2-DCE	8/29/2001	12/19/2003	10	0%	2.4	140,000	Stable
	VC	8/29/2001	12/19/2003	10	30%	5.1	525	Stable
	Benzene	8/29/2001	12/19/2003	10	100%	NA	510	NA
	Ethylbenzene	8/29/2001	12/19/2003	10	100%	NA	43	NA
	Toluene	8/29/2001	12/19/2003	10	100%	NA	1,000	NA
	Xylenes	8/29/2001	12/19/2003	10	100%	NA	130	NA
	TPHg	8/29/2001	12/19/2003	10	100%	NA	1,200	NA
	TPHd	8/29/2001	12/19/2003	10	100%	NA	2,200	NA
	TPHfo	8/29/2001	12/19/2003	10	100%	NA	2,200	NA

TABLE 3-4
BUILDING 900s AREA GROUNDWATER TREND SUMMARY
 Presidio of San Francisco, California

Well ID	Chemical (a)	Date Range		Number of Analyses	Percentage Non-Detects	Maximum Detected (µg/l)	Cleanup Level (µg/l) (b)	Statistical Trend Test (c)
979GW117								
	TCE	8/29/2001	12/18/2003	10	100%	NA	81	NA
	c-1,2-DCE	8/29/2001	12/18/2003	10	50%	2.6	140,000	Stable
	t-1,2-DCE	8/29/2001	12/18/2003	10	100%	NA	140,000	NA
	VC	8/29/2001	12/18/2003	10	100%	NA	525	NA
	Benzene	8/29/2001	12/18/2003	10	100%	NA	510	NA
	Ethylbenzene	8/29/2001	12/18/2003	10	100%	NA	43	NA
	Toluene	8/29/2001	12/18/2003	10	100%	NA	1,000	NA
	Xylenes	8/29/2001	12/18/2003	10	100%	NA	130	NA
	TPHg	8/29/2001	12/18/2003	10	100%	NA	1,200	NA
	TPHd	8/29/2001	12/18/2003	10	100%	NA	2,200	NA
	TPHfo	8/29/2001	12/18/2003	10	100%	NA	2,200	NA

Notes:

- (a) Table includes the primary chemicals that have been detected in groundwater samples from the Building 900s Area.
- (b) Cleanup levels for chlorinated VOCs obtained from the Crissy Field RAP. Cleanup levels for petroleum hydrocarbons and related constituents obtained from RWQCB Order No. R2-2003-0080.
- (c) The Mann Kendall non-parametric test for trend was performed when analytical results were above laboratory reporting limits (Gilbert, 1987). The chemical concentration is marked stable when no trend was identified by the test.
- (d) NA = Not Applicable, because the chemical was not detected and therefore does not have a maximum value, or no trend can be determined from data with no detections.
- (e) The third quarter 2003 data for 937GW108 was not included in the data file received from the Trust, and thus is not included in this summary.
- (f) PCE was detected in the June 2002 sampling event in well 950GW108 at a concentration of 3.4 µg/L. This is the only detection of PCE in the Building 900s Area wells.

Abbreviations:

1,2-DCE sum of cis- and trans-1,2-dichloroethene
 c-1,2-DCE cis-1,2-dichloroethene
 t-1,2-DCE trans-1,2-dichloroethene
 PCE tetrachloroethene
 TCE trichloroethene
 TPHd total petroleum hydrocarbons as diesel

TPHfo total petroleum hydrocarbons as fuel oil
 TPHg total petroleum hydrocarbons as gasoline
 VC vinyl chloride
 VOCs volatile organic compounds
 Xylenes total xylenes

TABLE 5-1
SUMMARY OF SITES FOR CLOSURE CERTIFICATION IN THE CRISSY FIELD PROJECT AREA

Presidio of San Francisco, California

Site	Unrestricted Use? (a)	Construction Completion?	DTSC			RWQCB
			Remedial Action Certification Statement (b)			Closure Certification and No Further Action (f)
			Remedial Action Completed, No Further Action (c)	No Remedial Measures Needed (d)	Remedial Action Completed, Ongoing Monitoring Required (e)	
Crissy Field RAP Sites						
• DEH Firing Range	Yes	Yes			•	
• East of Mason	Yes	Yes	•			
• Fill Site 7 (soil)	Yes	Yes	•			
• Fill Site 7 (groundwater)	Yes	Yes			•	•
• Crissy Field Rifle Institute and Skeet Ranges (on-shore areas)	No (g)	Yes	•			
• Building 640/643 Area	Yes	Yes	•			
• Former Buildings 901 through 919 (former Crissy Field Barracks)	Yes	Yes			•	
• Building 923/937 Area (Soil)	No (g), (h)	Yes	•			•
• Building 923/937 Area (Groundwater)	No (g)	Yes			•	(i)
• Building 924 Firing Range	Yes	Yes	•			
• Building 950 Area	Yes	Yes	•			
• Building 979 Area (Soil)	Yes	Yes	•			

TABLE 5-1
SUMMARY OF SITES FOR CLOSURE CERTIFICATION IN THE CRISSY FIELD PROJECT AREA

Presidio of San Francisco, California

Site	Unrestricted Use? (a)	Construction Completion?	DTSC			RWQCB
			Remedial Action Certification Statement (b)			Closure Certification and No Further Action (f)
			Remedial Action Completed, No Further Action (c)	No Remedial Measures Needed (d)	Remedial Action Completed, Ongoing Monitoring Required (e)	
• Building 979 Area (Groundwater)	No (g)	Yes			•	(i)
• Fuel Distribution System Lines at Crissy Field	Yes	Yes				•
• Sediment in Storm Drains	Yes	Yes	•			
• Contingency Sites						
- Site 081898-1400	Yes	Yes		•		
- Site 092198-1030	Yes	Yes		•		
- Site 111098-1100	-- (j)	No (k)				(i)
- Site 121898-1430	Yes	Yes	•			
- Crissy Field Hydraulic Cylinders	Yes	Yes	•			•
- Possible Unexploded Ordnance ("UXO")	Yes	Yes		•		
- Small Riveted-Steel Tanks	Yes	Yes		•		•
- Potential FDS Line	Yes	Yes		•		•
- Site 171199-1100	-- (j)	No (k)				(i)
- Site 020201-1000	Yes	Yes		•		

TABLE 5-1
SUMMARY OF SITES FOR CLOSURE CERTIFICATION IN THE CRISSY FIELD PROJECT AREA

Presidio of San Francisco, California

Site	Unrestricted Use? (a)	Construction Completion?	DTSC			RWQCB
			Remedial Action Certification Statement (b)			Closure Certification and No Further Action (f)
			Remedial Action Completed, No Further Action (c)	No Remedial Measures Needed (d)	Remedial Action Completed, Ongoing Monitoring Required (e)	
Petroleum Tank Sites Within Crissy Field (I)						
• Tank 923 (Solvent)	No (g)	Yes	•			
• Tank 924.1 (Bulk oil)	No (g)	Yes				•
• Tank 924.2 (Waste oil)	No (g)	Yes	•			
• Tank 926.1 (Gasoline)	No (g)	Yes				•
• Tank 926.2 (Gasoline)	No (g)	Yes				•
• Tank 926.3 (Gasoline)	No (g)	Yes				•
• Tank 926.4 (Gasoline)	No (g)	Yes				•
• Tank 926.5 (Gasoline)	No (g)	Yes				•
• Tank 930.1 (Hydraulic oil)	No (g)	Yes				•
• Tank 930.2 (Hydraulic oil)	No (g)	Yes				•
• Tank 931 (Oil/water mix)	No (g)	Yes	•			
• Tank 933.1 (Fuel oil)	Yes	Yes				•
• Tank 933.2 (Fuel oil)	Yes	Yes				•
• Tank 933.3 (Fuel oil)	Yes	Yes				•
• Tank 933.4 (Fuel oil)	Yes	Yes				•

TABLE 5-1
SUMMARY OF SITES FOR CLOSURE CERTIFICATION IN THE CRISSY FIELD PROJECT AREA

Presidio of San Francisco, California

Site	Unrestricted Use? (a)	Construction Completion?	DTSC			RWQCB
			Remedial Action Certification Statement (b)			Closure Certification and No Further Action (f)
			Remedial Action Completed, No Further Action (c)	No Remedial Measures Needed (d)	Remedial Action Completed, Ongoing Monitoring Required (e)	
• Tank 933.5 (Fuel oil)	Yes	Yes				•
• Tank 934 (Unknown)	No (g)	Yes				•
• Tank 937.1 (Waste oil)	No (g)	Yes	•			
• Tank 937.2 (Xylenes)	No (g)	Yes	•			
• Tank 937.3 (Hydraulic oil)	Yes	Yes	•			•
• Tank 937.H (Hydraulic oil)	No (g)	Yes				•
• Tank 976.1 (Fuel oil)	Yes	Yes				•
• Tank 976.2 (Fuel oil)	Yes	Yes				•
• Tank 979.1 (Fuel oil)	Yes	Yes	•			•
• Tank 979.2 (Fuel oil)	Yes	Yes	•			•
• Tank 979.3 (Gasoline)	Yes	Yes	•			•
• Tank 979.4 (Gasoline)	Yes	Yes	•			•
• Tank 979.5 (Gasoline)	Yes	Yes	•			•
• Tank 979.6 (Gasoline)	Yes	Yes	•			•
• Tank 979.7 (Hydraulic oil)	Yes	Yes				•

TABLE 5-1
SUMMARY OF SITES FOR CLOSURE CERTIFICATION IN THE CRISSY FIELD PROJECT AREA

Presidio of San Francisco, California

Site	Unrestricted Use? (a)	Construction Completion?	DTSC			RWQCB
			Remedial Action Certification Statement (b)			Closure Certification and No Further Action (f)
			Remedial Action Completed, No Further Action (c)	No Remedial Measures Needed (d)	Remedial Action Completed, Ongoing Monitoring Required (e)	
Historical Records Review Sites within Crissy Field						
• Former Building 233	Yes	Yes		•		
• Former Building 251	Yes	Yes		•		
• Former Building 675	No (g)	Yes		•		
• Former Building 901 Area	Yes	Yes		•		
• Former Building 904	Yes	Yes		•		
• Former Building 908	Yes	Yes		•		
• Former Building 909	Yes	Yes		•		
• Former Building 922	No (g)	Yes		•		
• Former Building 928	No (g)	Yes		•		
• Former Building 938	Yes	Yes		•		
• Former Old Building 942	No (g)	Yes		•		
• Building 942	No (g)	Yes		•		
• Former Building 947/965	Yes	Yes		•		
• Former Building 974 Area	Yes	Yes		•		

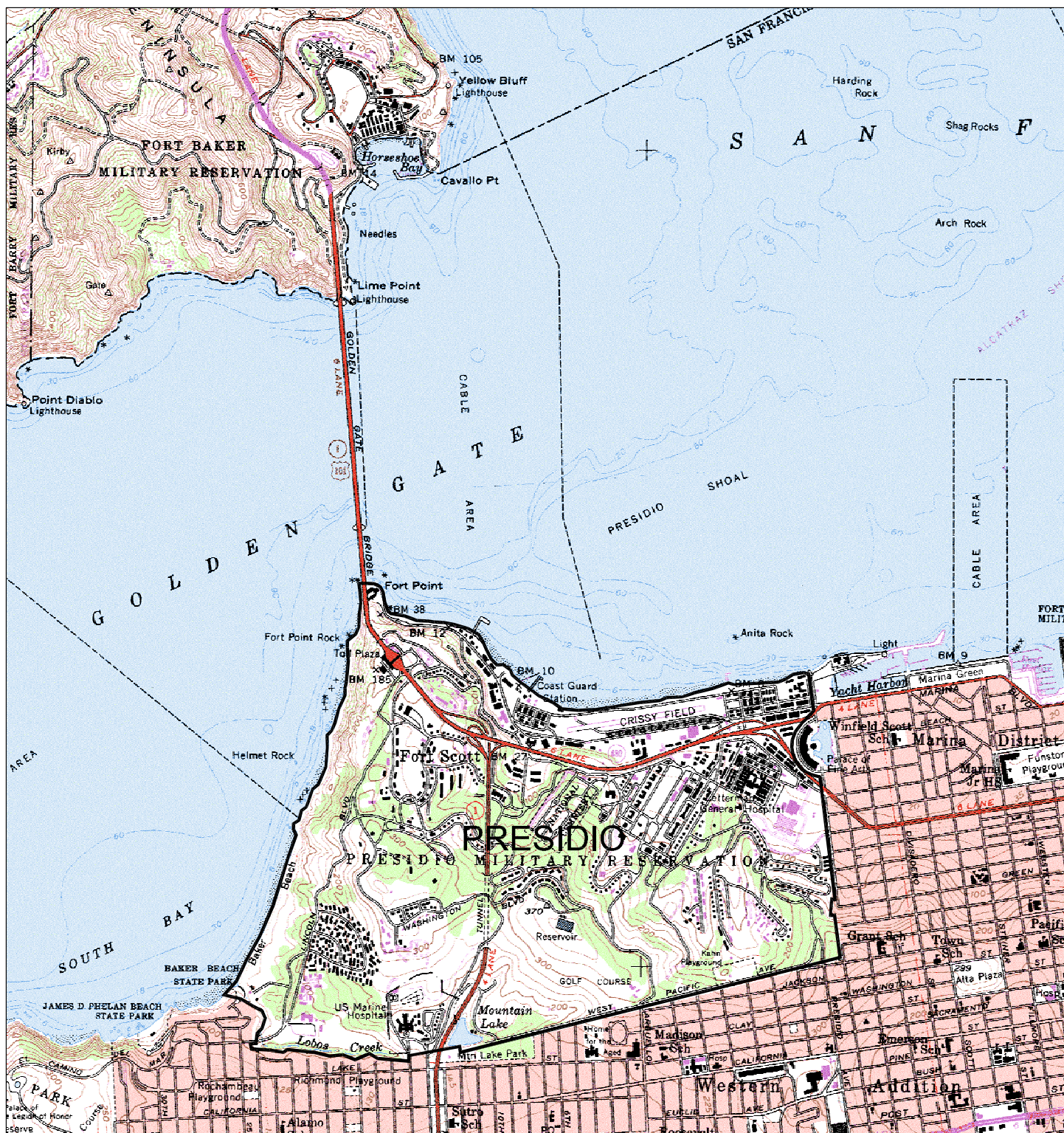
TABLE 5-1
SUMMARY OF SITES FOR CLOSURE CERTIFICATION IN THE CRISSY FIELD PROJECT AREA

Presidio of San Francisco, California

Site	Unrestricted Use? (a)	Construction Completion?	DTSC			RWQCB
			Remedial Action Certification Statement (b)			Closure Certification and No Further Action (f)
			Remedial Action Completed, No Further Action (c)	No Remedial Measures Needed (d)	Remedial Action Completed, Ongoing Monitoring Required (e)	
• Former Building 979 Area	Yes	Yes		•		
• Former Building 981	Yes	Yes		•		
• Former Building 982	Yes	Yes		•		

Notes:

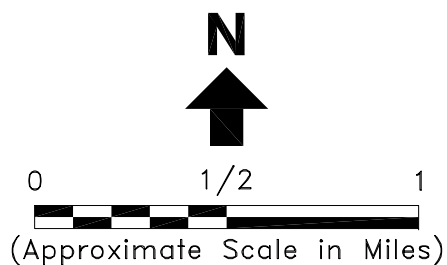
- (a) Unrestricted use is assumed appropriate if the analytical data from the site indicates that applicable residential cleanup levels have been achieved.
- (b) Remedial Action Certification Statement is based on the description in DTSC's Remedial Action Certification Form, from Procedures for Certifying Completion of Hazardous Waste Site Remedial Actions, DTSC Official Policy/Procedure OPP #86-22R, November 1989. The actual text from DTSC's Remedial Action Certification Form is reproduced in notes c, d, and e below for each of the three categories.
- (c) The text from the DTSC certification form reads: "Based upon the information which is currently and actually known to the Department, the Department has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary and the site will be removed from the list of sites requiring remediation pursuant to H&SC 25356."
- (d) The text from the DTSC certification form reads: "Based upon the information which is currently and actually known to the Department, the Department has determined, based upon a remedial investigation or site characterization, that the site poses no significant threat to public health, welfare or the environment and therefore, implementation of removal/remedial measures is not necessary and the site will be removed from the list of sites requiring remediation pursuant to H&SC 25356."
- (e) The text from the DTSC certification form reads: "Based upon the information which is currently and actually known to the Department, the Department has determined that all appropriate removal/remedial actions have been completed and that all acceptable engineering practices were implemented; however, the site requires ongoing operation and maintenance (O&M) and monitoring efforts. The site will be deleted from the "active" site list developed pursuant to H&SC 25356 following (1) a trial operation and maintenance period and (2) the execution of a formal written settlement between the Department and the responsible parties, if appropriate. However, the site will be placed on the Department's list of sites undergoing O&M to ensure proper monitoring of long-term cleanup efforts."
- (f) Sites marked with a bullet are within the jurisdiction of the RWQCB. Closure Certification with No Further Action is requested from the RWQCB for these sites.



Reference: U.S.G.S. Topographic Maps, San Francisco North and Point Bonita, Photorevised 1973.

Note:

1. All locations are approximate.



**Erler &
Kalinowski, Inc.**

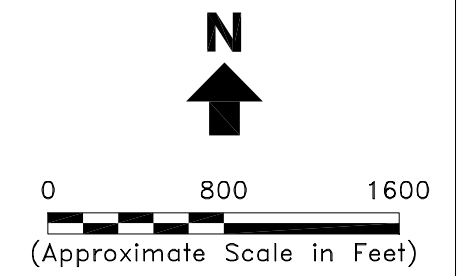
Vicinity Map



Presidio Trust
San Francisco, CA

July 2004
EKI A000003.08

Figure 1-1



LEGEND

— Presidio Planning Area or Planning District Boundary

Designation of Areas A and B

- Area A/B Boundary
- Area A — Stewardship by the National Park Service
- Area B — Stewardship by the Presidio Trust

Notes:

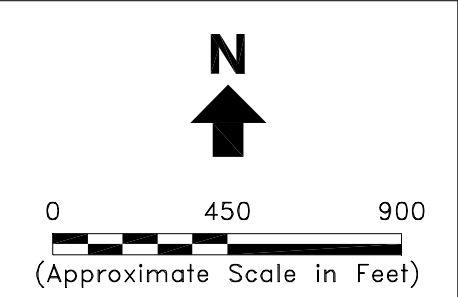
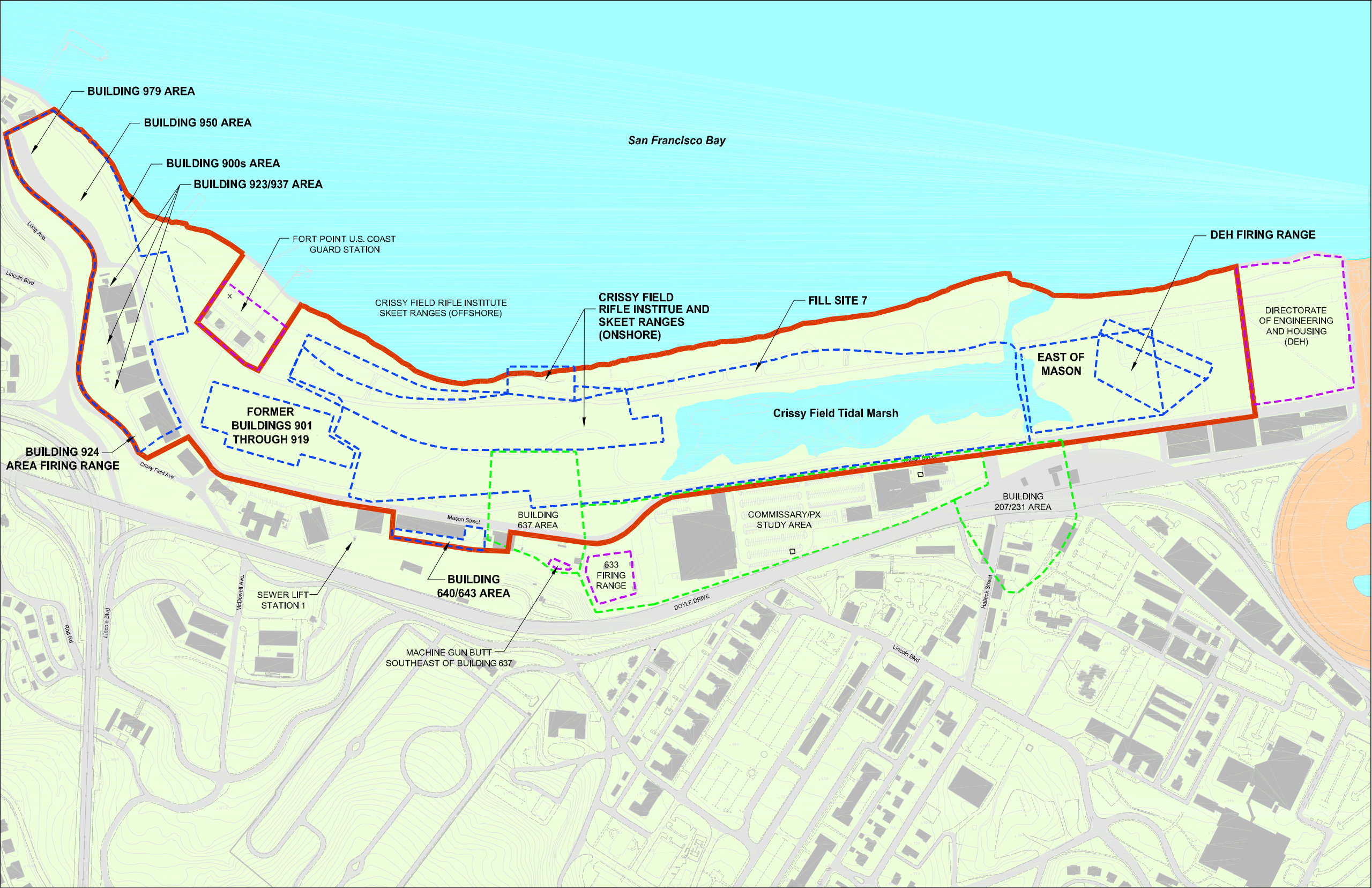
1. All locations are approximate.
2. Basemap developed from site plan provided by the Presidio Trust.
3. PHS is the Public Health Service Hospital.

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Areas A and B
of the Presidio



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July 2004
EKI A000003.08
Figure 1-2



LEGEND

- Crissy Field RAP Area
- Crissy Field RAP Site
- Non Crissy Field RAP Site
- Petroleum Corrective Action Plan (Non-Crissy Field RAP)
- Building and Number

- Notes:**
- 1. All locations are approximate.
 - 2. Basemap by Treadwell & Rollo, provided by the Presidio Trust.
 - 3. Horizontal Datum: NAD 27, CA State Plane Coordinates, Zone 3, Feet Vertical Datum: Presidio Lower Low Water (ft. PLLW).

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Crissy Field RAP Area and Sites



LEGEND

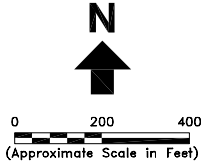
	Building 979 Excavations		Crissy Field RAP Area
	East of Mason Excavation		Removed FDS Pipelines
	Crissy Field Rifle Institute and Skeet Ranges (Onshore) Excavations (1998)		FDS Pipelines Abandoned In-Place
	Crissy Field Rifle Institute and Skeet Ranges (Onshore) Excavations (2002)		Removed Storm Drains (dashed where grouted in place)
	Building 640/643 Excavation		Building and Number
	Building 924 Firing Range Excavations		Former Building and Number
	Building 923/937 Excavations		FDS Section ID
	Building 937 Excavations (1992)		Storm Drain Line ID
	Building 937 Excavation (1998)		
	Building 950 Excavation		
	Fill Site 7, Metals Excavations		
	Fill Site 7, Petroleum Excavations		

Notes:

1. All locations are approximate.
2. Basemap provided by the Presidio Trust.
3. Horizontal Datum: NAD 27, CA State Plane Coordinates, Zone 3, feet Vertical Datum: Presidio Lower Low Water (ft. PLLW). Remedial actions locations not covered by the Crissy Field RAP are omitted for clarity.

Abbreviations:

RAP = Remedial Action Plan
FDS = Field Distribution System



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Remediation Areas for
Crissy Field Sites



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July 2004
EKI A000003.08
Figure 3-1



N

0150300

(Approximate Scale in Feet)

LEGEND

●

Former AST or UST Location

Excavation Area

Geophysical Survey Area

Crissy Field RAP Area

FDS Pipeline Abandoned In-Place

Removed FDS Pipeline

CF-7

FDS Section ID

661

Existing Building

974

Former Building

⊙

Selected Former Monitoring Well

Abbreviations:

AST = Aboveground storage tank

UST = Underground storage tank

FDS = Fuel distribution system

Notes:

1. All locations are approximate.

2. Basemap provided by the Presidio Trust.

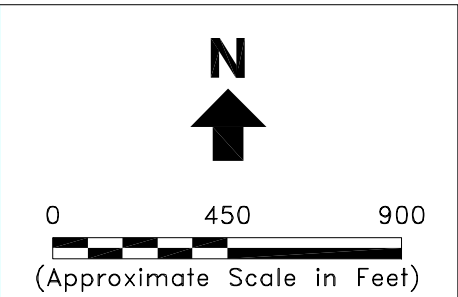
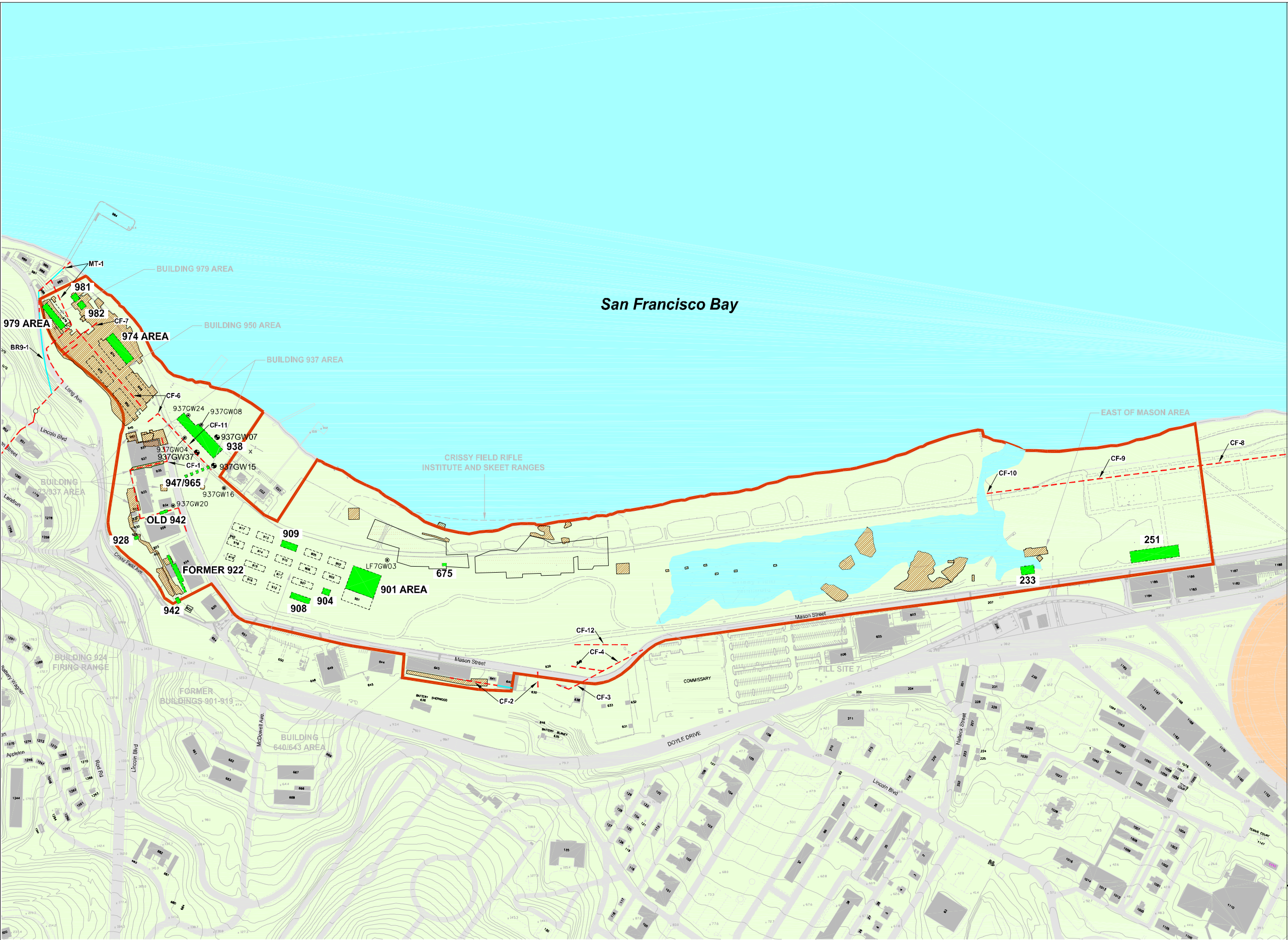
3. Horizontal Datum: NAD 27, CA State Plane Coordinates, Zone 3, feet Vertical Datum: Presidio Lower Low Water (ft. PLLW).

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Aboveground and Underground Storage Tanks at the Building 900s Area

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San Francisco, CA
July 2004
EKI A000003.08
Figure 3-2



- LEGEND**
- Crissy Field RAP Area
 - Removed FDS Pipelines
 - FDS Pipelines Abandoned In-Place
 - Building and Number
 - Former Building Under Historical Record Review
 - Excavation Areas
 - CF-1** FDS Section ID
 - Selected Former Monitoring Well
 - Selected Monitoring Well

Abbreviations:

RAP = Remedial Action Plan
FDS = Field Distribution System

- Notes:**
- All locations are approximate.
 - Basemap provided by the Presidio Trust.
 - Horizontal Datum: NAD 27, CA State Plane Coordinates, Zone 3, feet Vertical Datum: Presidio Lower Low Water (ft. PLLW). Remedial actions locations not covered by the Crissy Field RAP are omitted for clarity.
 - Buildings under historical review from IT Corporation, "Additional Sites of Potential Environmental Concern: In-depth Historical Results," dated 17 February 1999.

Erler & Kalinowski, Inc.

Crissy Field Historical Records Review Sites



N

0

150

300

(Approximate Scale in Feet)

LEGEND

979GW113

Shallow Groundwater Monitoring Well

979GW116

Intermediate Groundwater Monitoring Well

979GW117

Deep Groundwater Monitoring Well

CGGW01

Adjacent Study Area Well

937GW08

Former Groundwater Monitoring Well

661

Former Building and Number

Notes:

1. All locations are approximate.

2. Basemap developed from Crissy Field Implementation Report by Treadwell & Rollo, November 2002, provided by the Presidio Trust.

3. Horizontal Datum: NAD 27, CA State Plane Coordinates, Zone 3, Feet Vertical Datum: Presidio Lower Low Water (ft. PLLW).

Erler & Kalinowski, Inc.

Previous and Existing Monitoring Well Locations

THE PRESIDIO TRUST

Presidio Trust
San Francisco, CA
July 2004
EKI A000003.08
Figure 3-4

APPENDIX A

CRISSY FIELD CLEANUP LEVELS

Table 2-4
FINAL REMEDIAL ACTION PLAN
Crissy Field Sites: Site-Specific Cleanup Levels

Description	Chemicals of Concern	Cleanup Levels	Basis for Cleanup Level
East of Mason	4,4-DDT 4,4-DDE	Soil (mg/kg) 0.008 0.005	NOAA Guidance (NOAA Technical Memorandum NOS OMA 52) NOAA Guidance
Crissy Field Rifle Institute and Skeet Ranges	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-c,d)pyrene Lead	Soil (mg/kg) 0.50 0.20 0.50 0.50 5.0 0.50 477	\ \ Based on the Human Health risk assessment land within acceptable risk range ^a . / / Based on the ecological risk assessment ^a .
Building 640/643 Area	Cadmium Lead Silver Zinc	Soil (mg/kg) 3.99 477 2.0 89	Based on ambient concentrations. Based on the ecological risk assessment ^a . Based on the ecological risk assessment ^a . Based on the ecological risk assessment ^a .
Building 924 Firing Range	Copper Copper Lead Zinc	Soil (mg/kg) 52 ^b 88 ^b 477 89	Based on ambient concentrations. Based on ambient concentrations. Based on the ecological risk assessment ^a . Based on the ecological risk assessment ^a .

TABLE 2-4
FINAL REMEDIAL ACTION PLAN (continued)
Crissy Field Site: Site-Specific Cleanup Levels

Description	Chemicals of Concern	Cleanup Levels	Basis for Cleanup Level
Building 937		<u>Soil(mg/kg)</u>	
	cis-1,2- dichloroethene	467 ^c	Derived for protection of saltwater aquatic life (National Ambient Water Quality Criteria) and the proposed California Toxics Rule (August 1997) following the EPA Soil Screening Technical Background RAGs (EPA, 1996)
	trans-1,2-dichloroethene	1027 ^c	
	Trichloroethene	1.3 ^c	
	Vinyl Chloride	3.0 ^c	
		<u>0-3ft / 3ft-GW</u>	
	Gasoline	610 ^d (1,690 ^e)	\
	Diesel ^h	700 ^d (1,950 ^e)	
	Fuel Oil ^h	980 ^d (2,730 ^e)	
		<u>0-2ft / 2ft-GW</u>	
	Benzene	1.5 ^f (1.0 ^g)	/
	Toluene	270 ^f (14 ^g)	
	Ethylbenzene	125 ^f (19 ^g)	
	Xylene	55 ^f (4,340 ^g)	
	Benzo(a)pyrene	0.1 ^f (9.0 ^g)	
		<u>Groundwater (mg/L)</u>	
	cis-1,2 dichloroethene	140	\ USEPA Region VII Numeric Criteria Chart (April 1997); Proposed California Toxics Rule(August 1997);National Toxics Rule / (40 CFR131.36)
	trans-1,2 dichloroethene	140	
	Trichloroethene	0.081 ⁱ	
	Vinyl Chloride	0.525 ⁱ	

TABLE 2-4
FINAL REMEDIAL ACTION PLAN (continued)
Crissy Field Site: Site-Specific Cleanup Levels

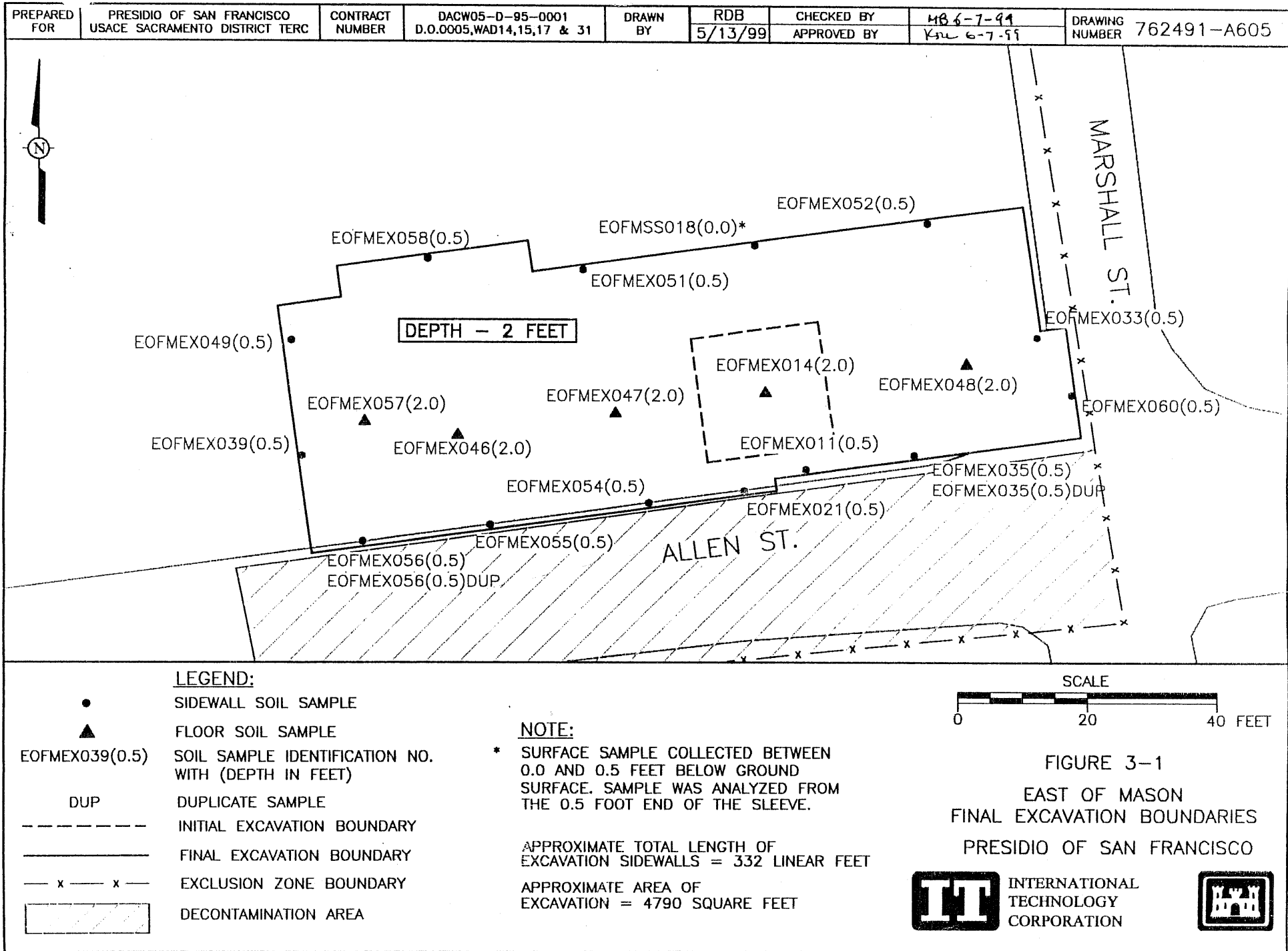
Description	Chemicals of Concern	Cleanup Levels	Basis for Cleanup Level
Building 950		Soil (mg/kg)	
	Cadmium	3.99	\
	Copper	52 ^b	Based on ambient concentrations.
	Copper	88 ^b	/
	Lead	477	Based on the ecological risk assessment ^a .
	Zinc	89	Based on the ecological risk assessment ^a .
Building 979		Soil (mg/kg)	
	cis-1,2- dichloroethene	467 ^c	\ Derived for protection of saltwater aquatic
	trans-1,2- dichloroethene	1027 ^c	life (National Ambient Water Quality
	Trichloroethene	1.3 ^c	Criteria) following the EPA Soil Screening
	Vinyl Chloride	3.0 ^c	Guidance Technical Background Document
			/(EPA, 1996).
		<u>0-3ft / 3ft-GW</u>	
	Gasoline	610 ^d (1,690 ^c)	\
	Diesel ^h	700 ^d (1,950 ^c)	\
	Fuel Oil ^h	980 ^d (2,730 ^c)	RWQCB Order #96-070, Site Cleanup
			Requirements for the Cleanup of Petroleum
		<u>0-2ft / 2ft-GW</u>	Impacted Soils
	Benzene	1.5 ^f (1.0 ^e)	
	Toluene	270 ^f (14 ^e)	
	Ethylbenzene	125 ^f (19 ^e)	
	Xylene	55 ^f (4,340 ^e)	/
	Benzo(a)pyrene	0.1 ^f (9.0 ^e)	/
	PCBs	1.0	TSCA PCB Cleanup Policy (40 CFR Part 761) at
	Pesticides	j	"clean soils" level.
	Metals	j	

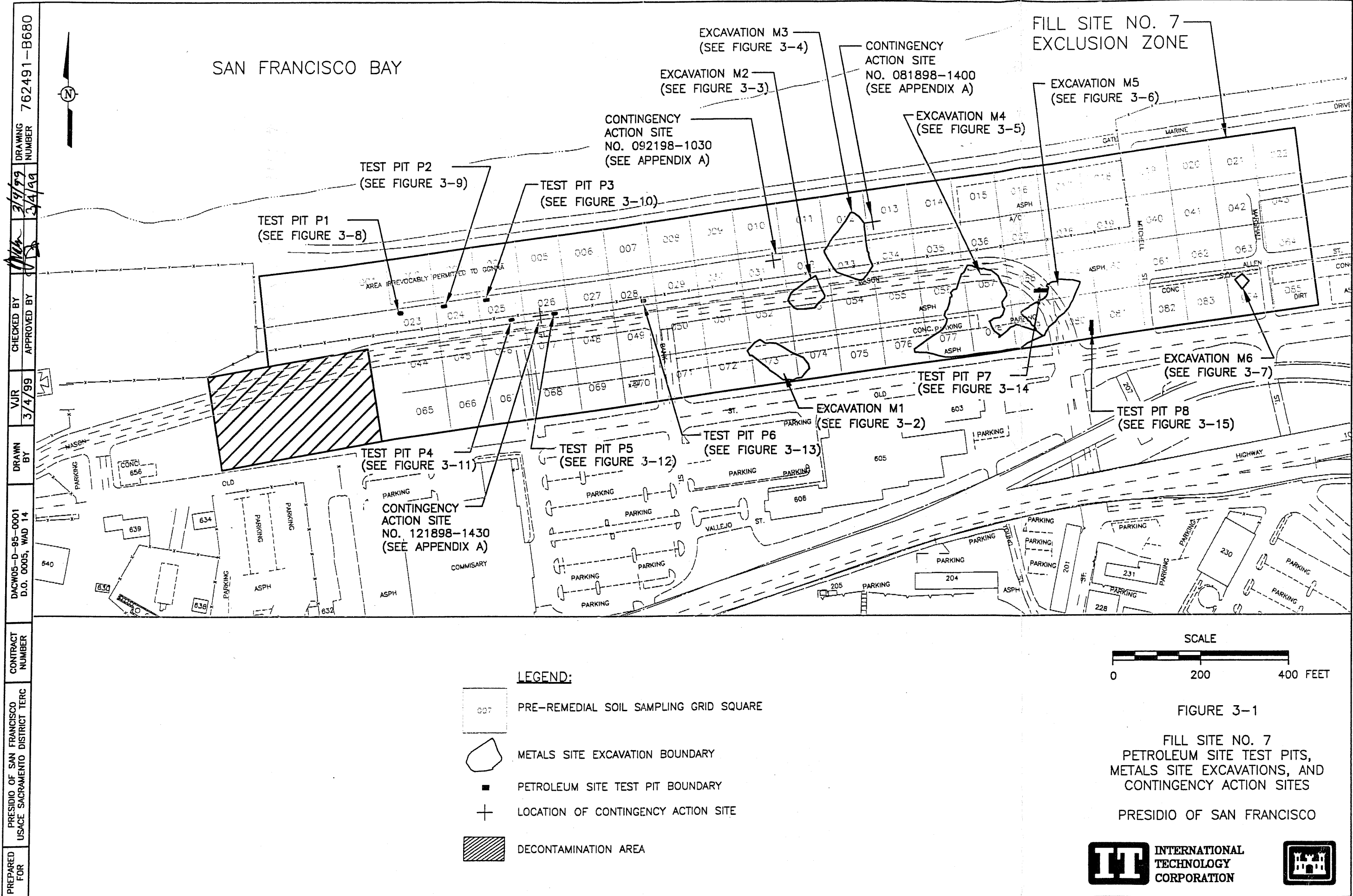
Notes:

- a) Cleanup levels based on the human health and ecological risk assessments were listed in Dames & Moore *Final Remedial Investigation Report, Presidio Main Installation*, January 1997 (Dames and Moore, 1997a) as modified by RAP Summary (EKI, 1997).
- b) The lower cleanup level for copper applies if the subsurface material is beach/dune sand; the higher level applies if serpentinite is encountered in the subsurface material.
- c) cis-1,2- dichloroethene, trans-1,2- dichloroethene, trichloroethene, and vinyl chloride values were derived for the protection of groundwater in contact with San Francisco Bay - U.S. Environmental Protection Agency National Ambient Water Quality Criteria for protection of saltwater aquatic life were used as endpoints.
- d) Value from San Francisco RWQCB Order #96-070, Site Cleanup Requirements for the Cleanup of Petroleum Impacted Soils, U.S. Army, Presidio of San Francisco, San Francisco, CA, Table 1, Soil Cleanup Levels for the Protection of Ecological Receptors (Terrestrial). These values apply from the surface to twothree feet below grade.
- e) Value from RWQCB Order #96-070, Site Cleanup Requirements for the Cleanup of Petroleum Impacted Soils, U.S. Army, Presidio of San Francisco, San Francisco, CA, Table 5, Soil Cleanup Levels for Crissy Field, <5 feet above the highest groundwater level. These values apply from three feet below ground surface to the groundwater level.
- f) Value from San Francisco Bay Regional Water Quality Control Board (RWQCB) Order #96-070, Site Cleanup Requirements for the Cleanup of Petroleum Impacted Soils, U.S. Army, Presidio of San Francisco, San Francisco, CA, Table 1, Soil Cleanup Levels for the Protection of Human Health (Recreational) These values apply from the surface to 3 feet below grade.
- g) Value from RWQCB Order #96-070, Site Cleanup Requirements for the Cleanup of Petroleum Impacted Soils, U.S. Army, Presidio of San Francisco, San Francisco, CA, Table 5, Soil Cleanup Levels for Crissy Field, <5 feet above the highest groundwater level. These values apply from 2 feet below ground surface to the groundwater level.
- h) Diesel range hydrocarbons - carbon 12 to carbon 24; fuel oil range hydrocarbons - carbon 24 to carbon 36.
- i) Based on a human health risk of 1E-06 from the consumption of aquatic organisms.
- j) Specific cleanup levels for pesticides and metals are as discussed in Section 1.5 of this Final RAP .

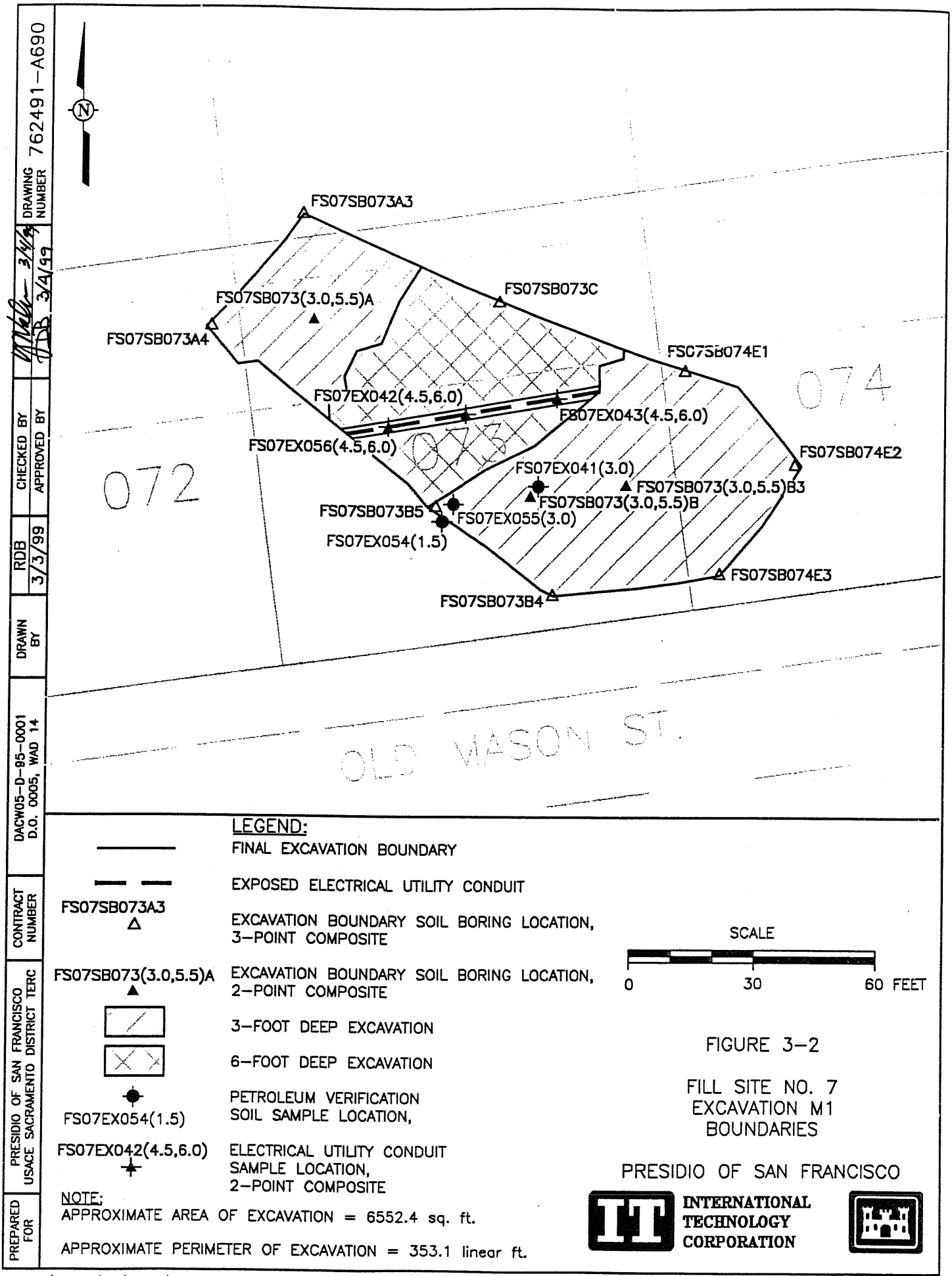
APPENDIX B

FIGURES FROM CRISSY FIELD RAP SITES





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 DATE 3/19/99
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 VJR 3/4/99
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 DACW05-D-95-0001
 D.O. 0005, WAD 14
 CONTRACT NUMBER
 PREPARED FOR
 PRESIDIO OF SAN FRANCISCO
 USACE SACRAMENTO DISTRICT TERC



DRAWING NUMBER 762491-A690
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 APPROVED BY [Signature]
 RDB 3/3/99
 DRAWN BY
 DACW05-D-85-0001
 D.O. 0005, WAD 14
 CONTRACT NUMBER
 PRESIDIO OF SAN FRANCISCO
 USACE SACRAMENTO DISTRICT TERC
 PREPARED FOR

LEGEND:

- FINAL EXCAVATION BOUNDARY
- EXPOSED ELECTRICAL UTILITY CONDUIT
- △ FS07SB073A3 EXCAVATION BOUNDARY SOIL BORING LOCATION, 3-POINT COMPOSITE
- ▲ FS07SB073(3.0,5.5)A EXCAVATION BOUNDARY SOIL BORING LOCATION, 2-POINT COMPOSITE
- [Hatched Box] 3-FOOT DEEP EXCAVATION
- [Cross-hatched Box] 6-FOOT DEEP EXCAVATION
- FS07EX054(1.5) PETROLEUM VERIFICATION SOIL SAMPLE LOCATION,
- ★ FS07EX042(4.5,6.0) ELECTRICAL UTILITY CONDUIT SAMPLE LOCATION, 2-POINT COMPOSITE

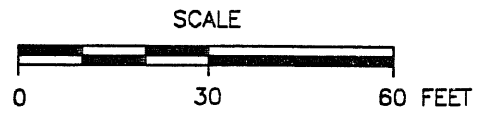


FIGURE 3-2

FILL SITE NO. 7
EXCAVATION M1
BOUNDARIES

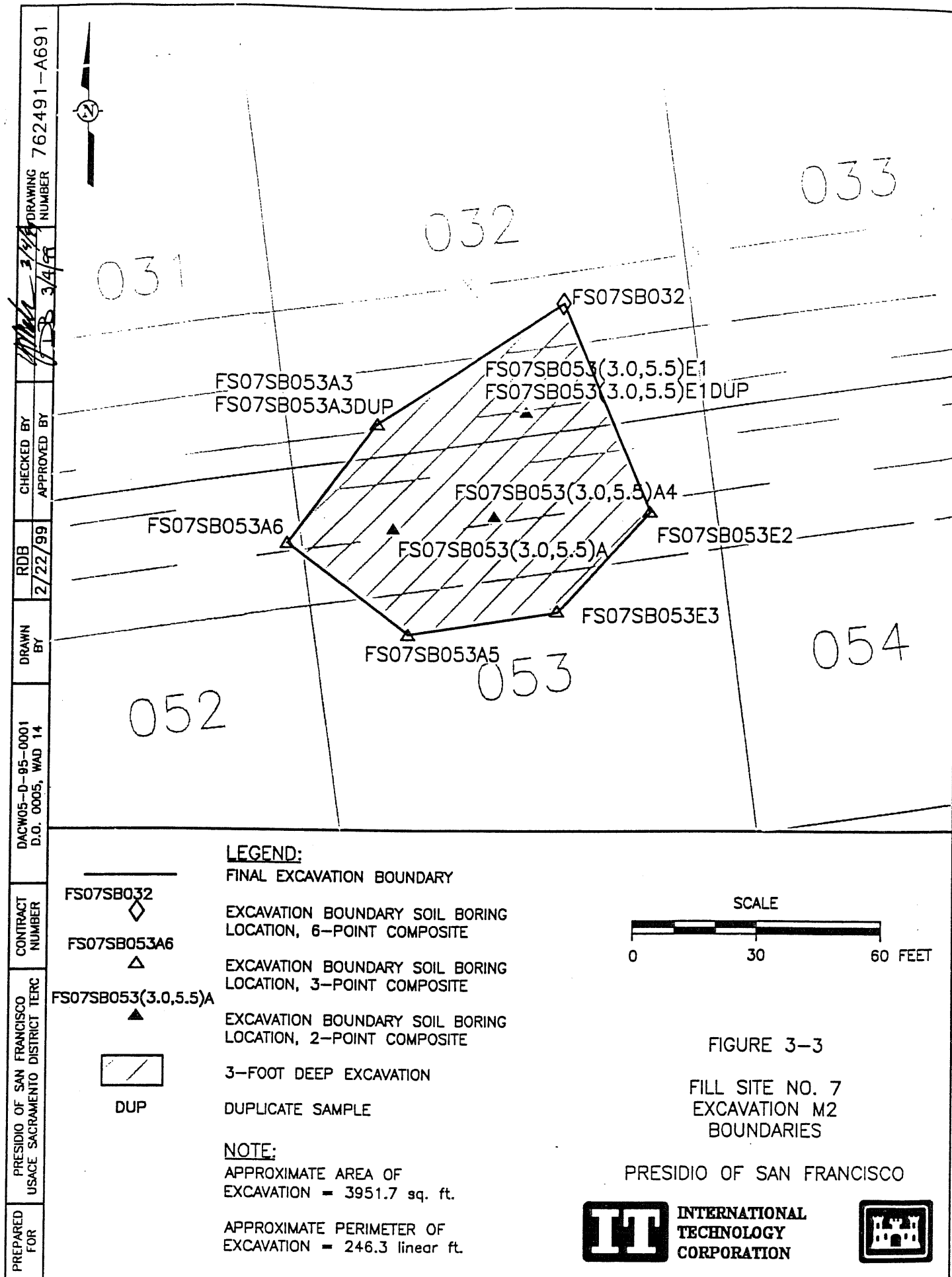
PRESIDIO OF SAN FRANCISCO

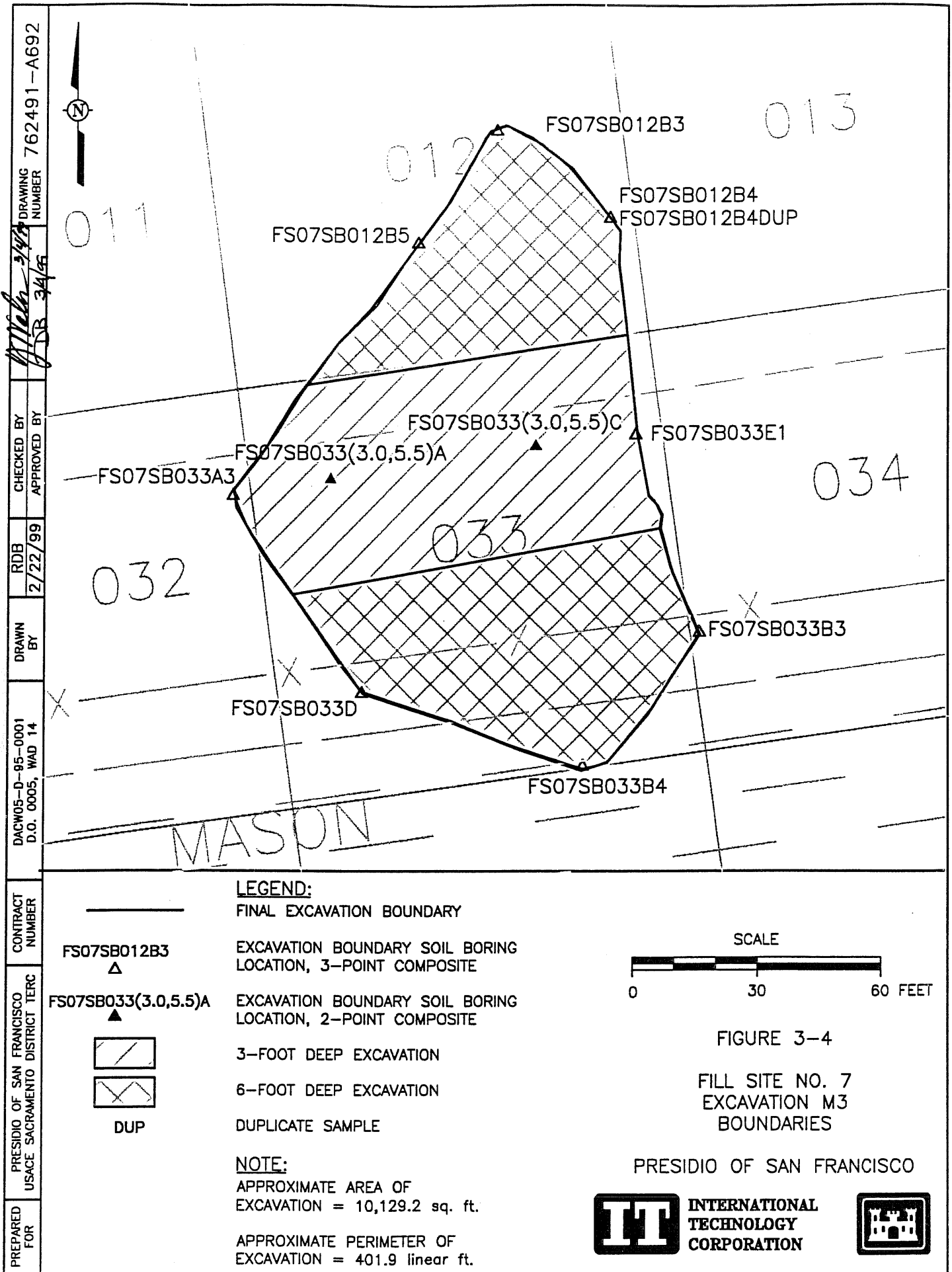


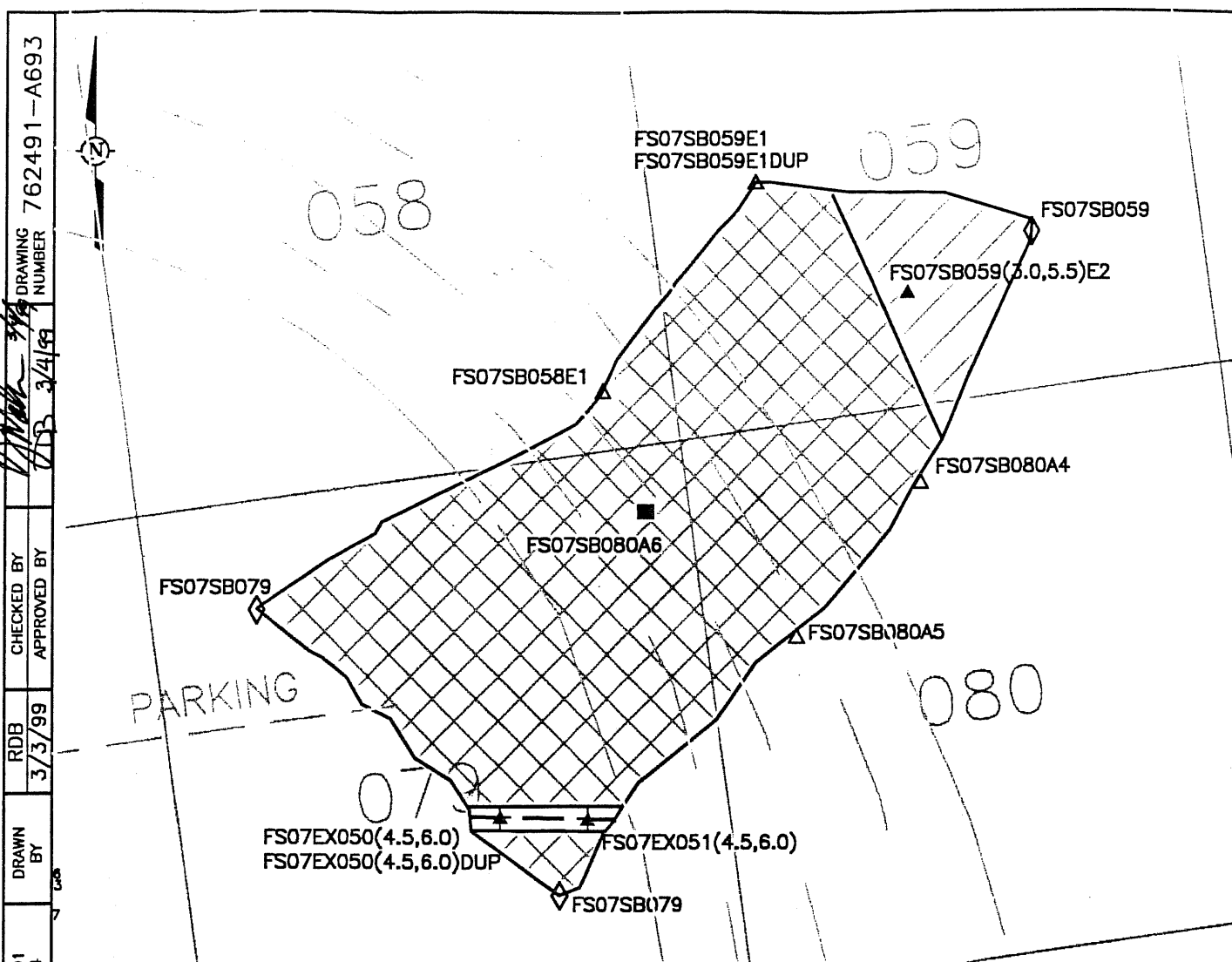
INTERNATIONAL
TECHNOLOGY
CORPORATION



NOTE:
 APPROXIMATE AREA OF EXCAVATION = 6552.4 sq. ft.
 APPROXIMATE PERIMETER OF EXCAVATION = 353.1 linear ft.







LEGEND:

- | | |
|--|---|
| | FINAL BOUNDARY EXTENT |
| | EXPOSED ELECTRICAL UTILITY CONDUIT |
| | EXCAVATION BOUNDARY SOIL BORING LOCATION, 6-POINT COMPOSITE |
| | EXCAVATION BOUNDARY SOIL BORING LOCATION, 3-POINT COMPOSITE |
| | EXCAVATION BOUNDARY SOIL BORING LOCATION, 2-POINT COMPOSITE |
| | 3-FOOT DEEP EXCAVATION |
| | 6-FOOT DEEP EXCAVATION |
| | DUPLICATE SAMPLE |
| | SOIL BORING LOCATION OF PETROLEUM ODOR DETECTION |
| | ELECTRICAL UTILITY CONDUIT, 2-POINT COMPOSITE |

NOTE:

APPROXIMATE AREA OF EXCAVATION = 7974.5 sq. ft.
 APPROXIMATE PERIMETER OF EXCAVATION = 402.7 linear ft.

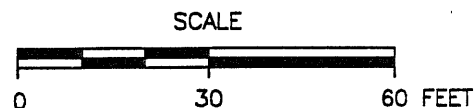
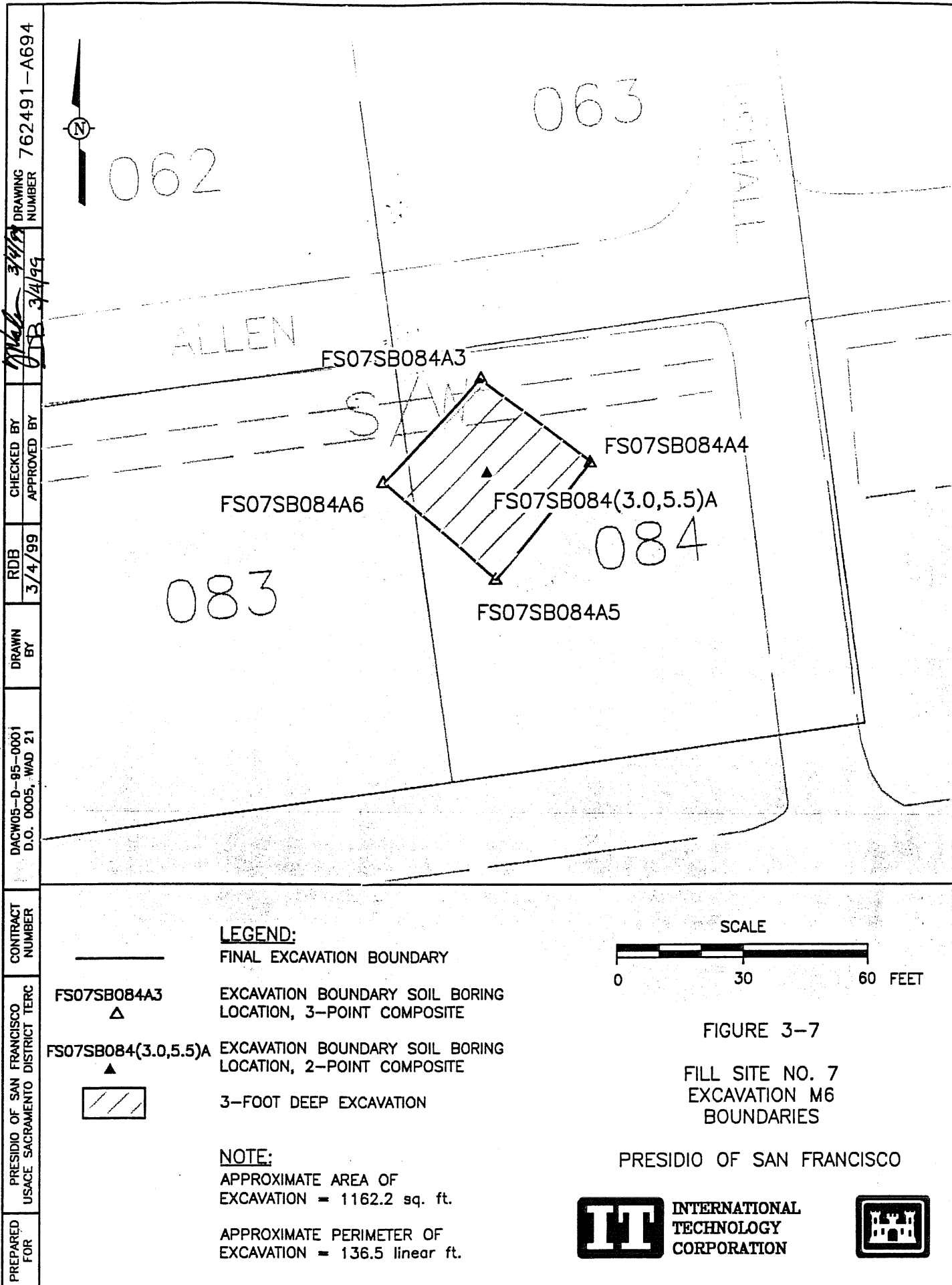


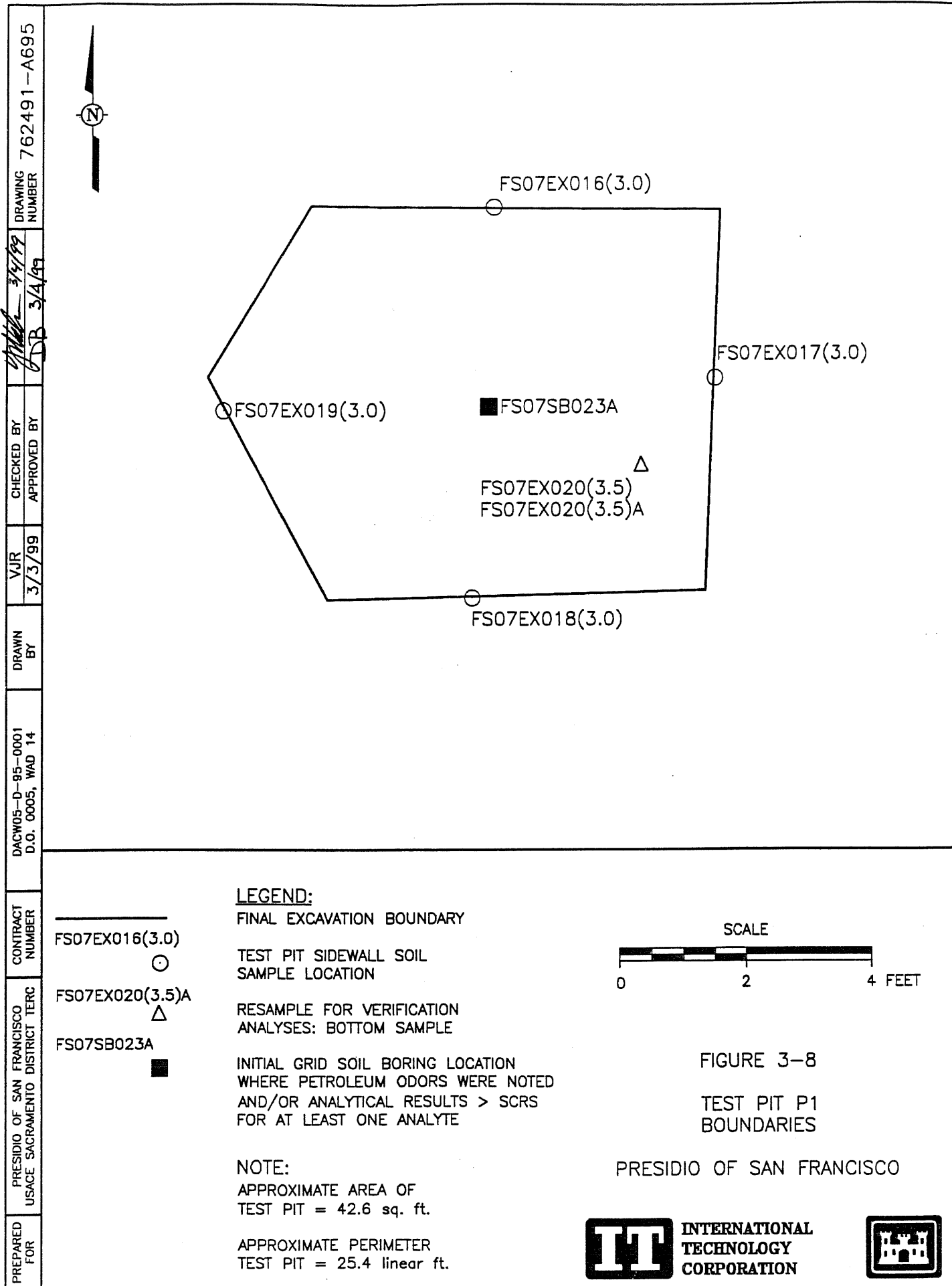
FIGURE 3-6
 FILL SITE NO. 7
 EXCAVATION M5
 BOUNDARIES

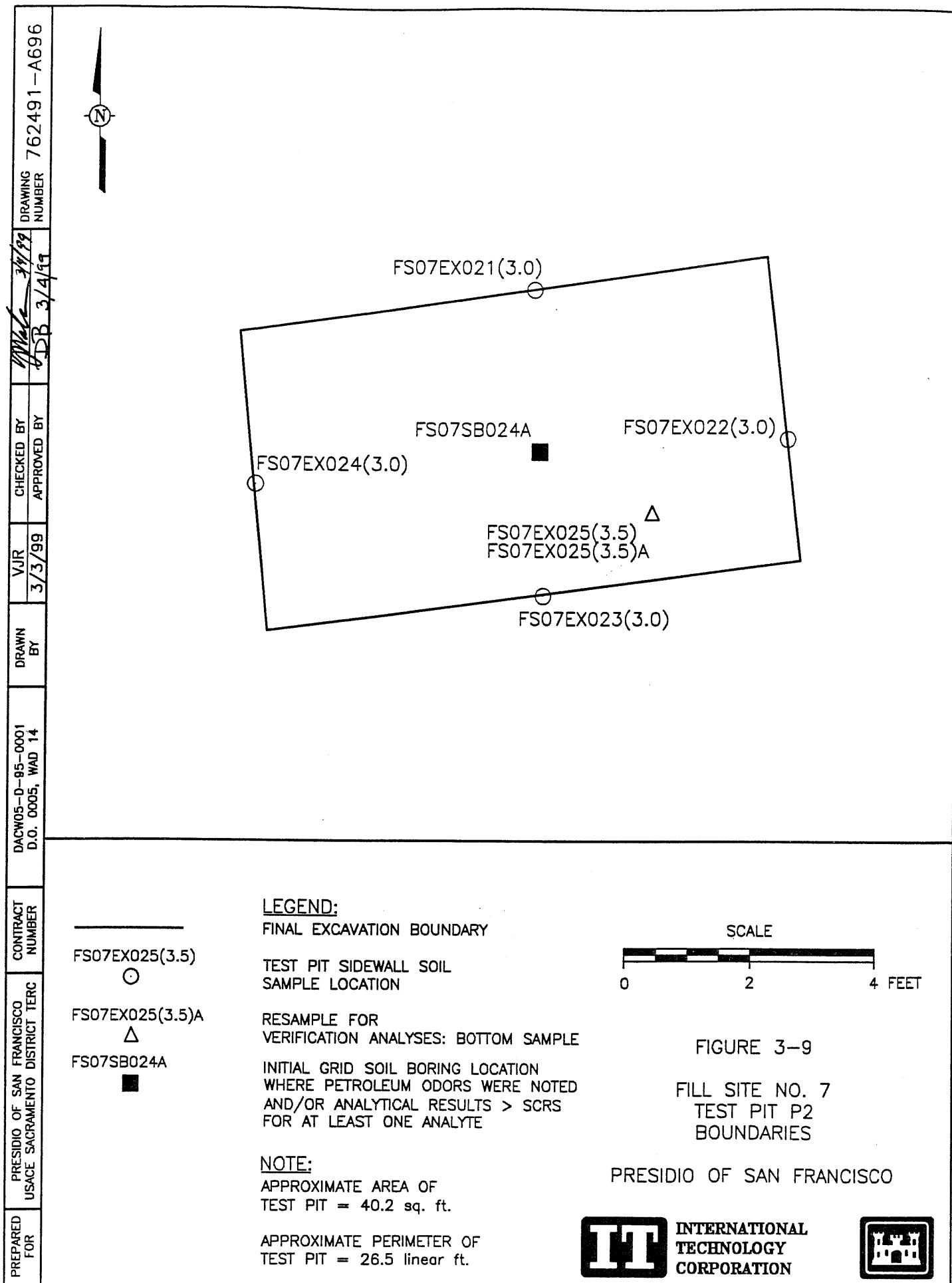
PRESIDIO OF SAN FRANCISCO

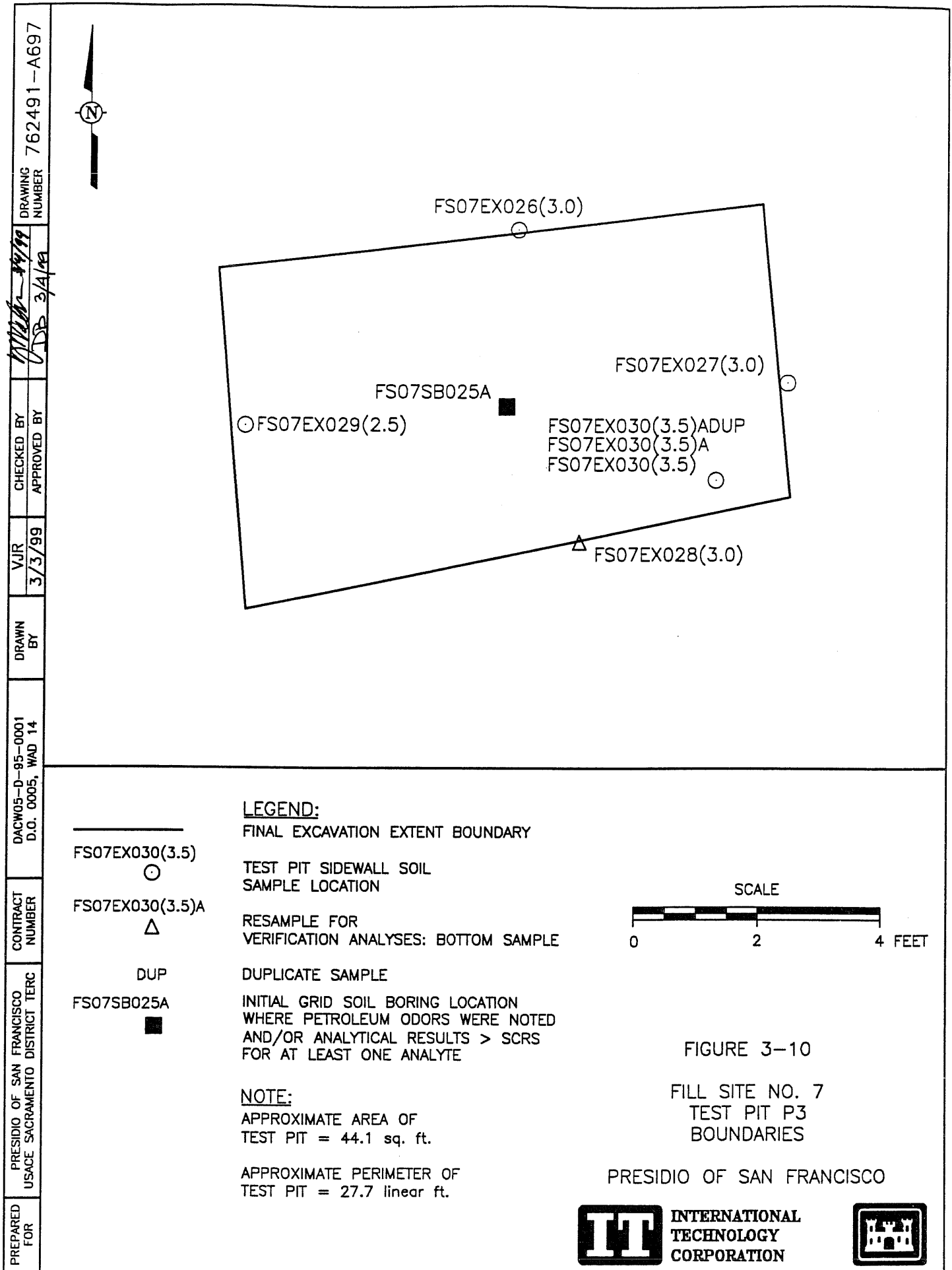


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 CONTRACT NUMBER
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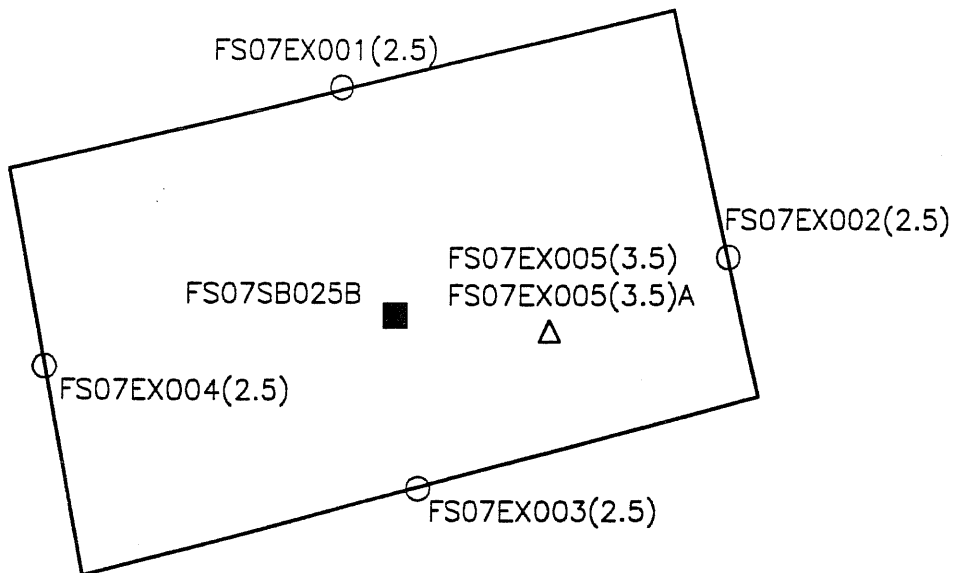




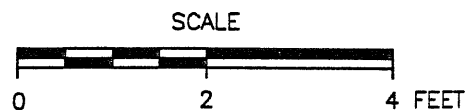




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	3/3/99	
APPROVED BY	VJR	
	3/3/99	
DRAWN BY	VJR	
	3/3/99	
CONTRACT NUMBER	DACW05-D-95-0001	
	D.O. 0005, WAD 14	
PRESIDIO OF SAN FRANCISCO USACE SACRAMENTO DISTRICT TERC	VJR	
	3/3/99	
PREPARED FOR	VJR	
	3/3/99	



- LEGEND:**
- _____
FS07EX001(2.5)
○
FS07EX005(3.5)A
△
FS07SB025B
■
- FINAL EXCAVATION BOUNDARY
- TEST PIT SIDEWALL SOIL
SAMPLE LOCATION
- RESAMPLE FOR
VERIFICATION ANALYSES: BOTTOM SAMPLE
- INITIAL GRID SOIL BORING LOCATION
WHERE PETROLEUM ODORS WERE NOTED
AND/OR ANALYTICAL RESULTS > SCRS
FOR AT LEAST ONE ANALYTE



NOTE:

APPROXIMATE AREA OF
TEST PIT = 30.5 sq. ft.

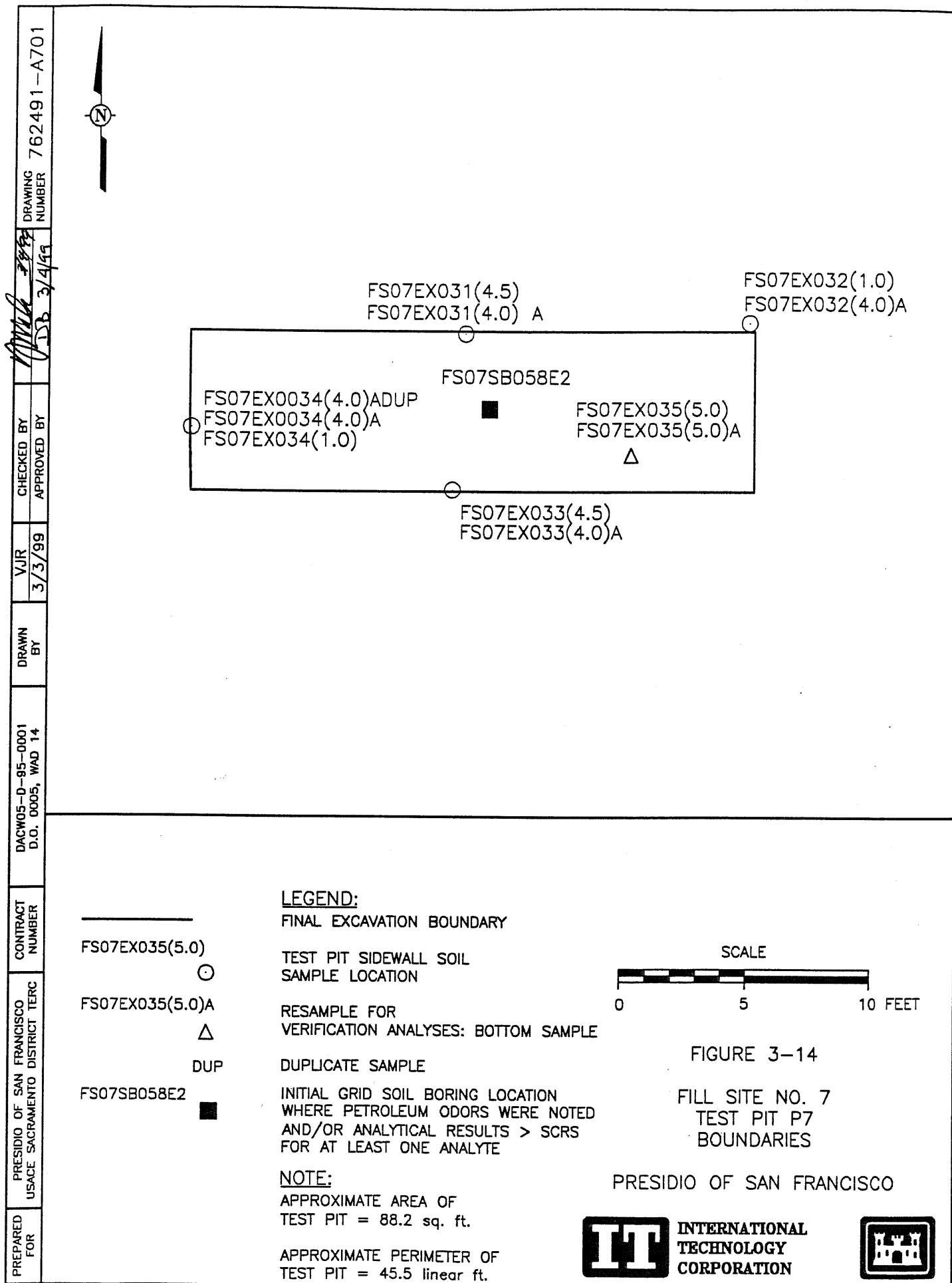
APPROXIMATE PERIMETER OF
TEST PIT = 23.0 linear ft.

FIGURE 3-11

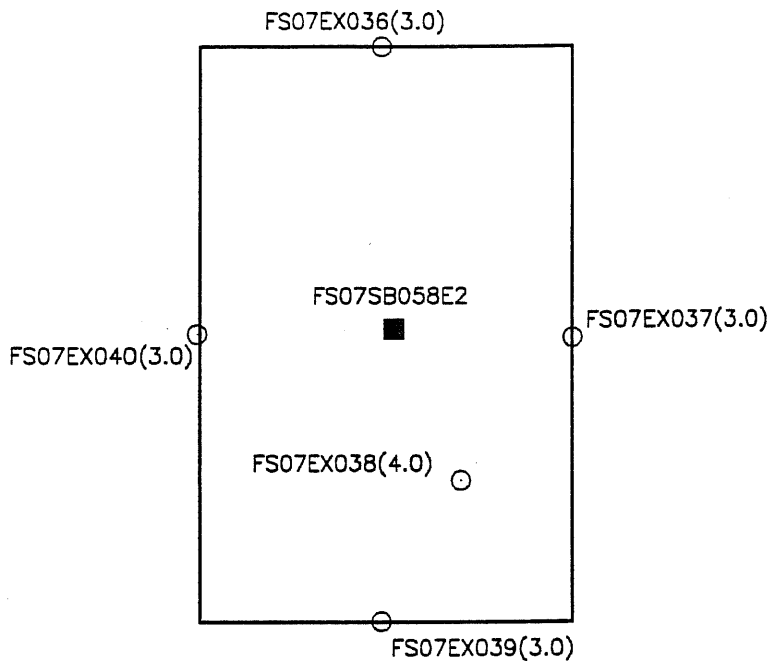
FILL SITE NO. 7
TEST PIT P4
BOUNDARIES

PRESIDIO OF SAN FRANCISCO





DRAWING NUMBER	762491-A702	
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	3/3/99	
APPROVED BY	DB	
	3/4/99	
DRAWN BY	DACW05-D-85-0001	
	D.O. 0005, WAD 14	
CONTRACT NUMBER	PRESIDIO OF SAN FRANCISCO	
	USACE SACRAMENTO DISTRICT TERC	
PREPARED FOR	IT	
	INTERNATIONAL TECHNOLOGY CORPORATION	



FS07EX036(3.0)

FS07SB058E2

LEGEND:

FINAL EXCAVATION BOUNDARY

TEST PIT SIDEWALL SOIL
SAMPLE LOCATION

INITIAL GRID SOIL BORING LOCATION
WHERE PETROLEUM ODORS WERE NOTED
AND/OR ANALYTICAL RESULTS > SCRS
FOR AT LEAST ONE ANALYTE

NOTE:

APPROXIMATE AREA OF
TEST PIT = 147.5 sq. ft.

APPROXIMATE PERIMETER OF
TEST PIT = 49.6 linear ft.

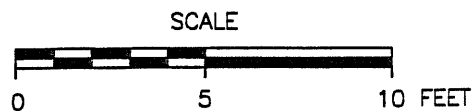
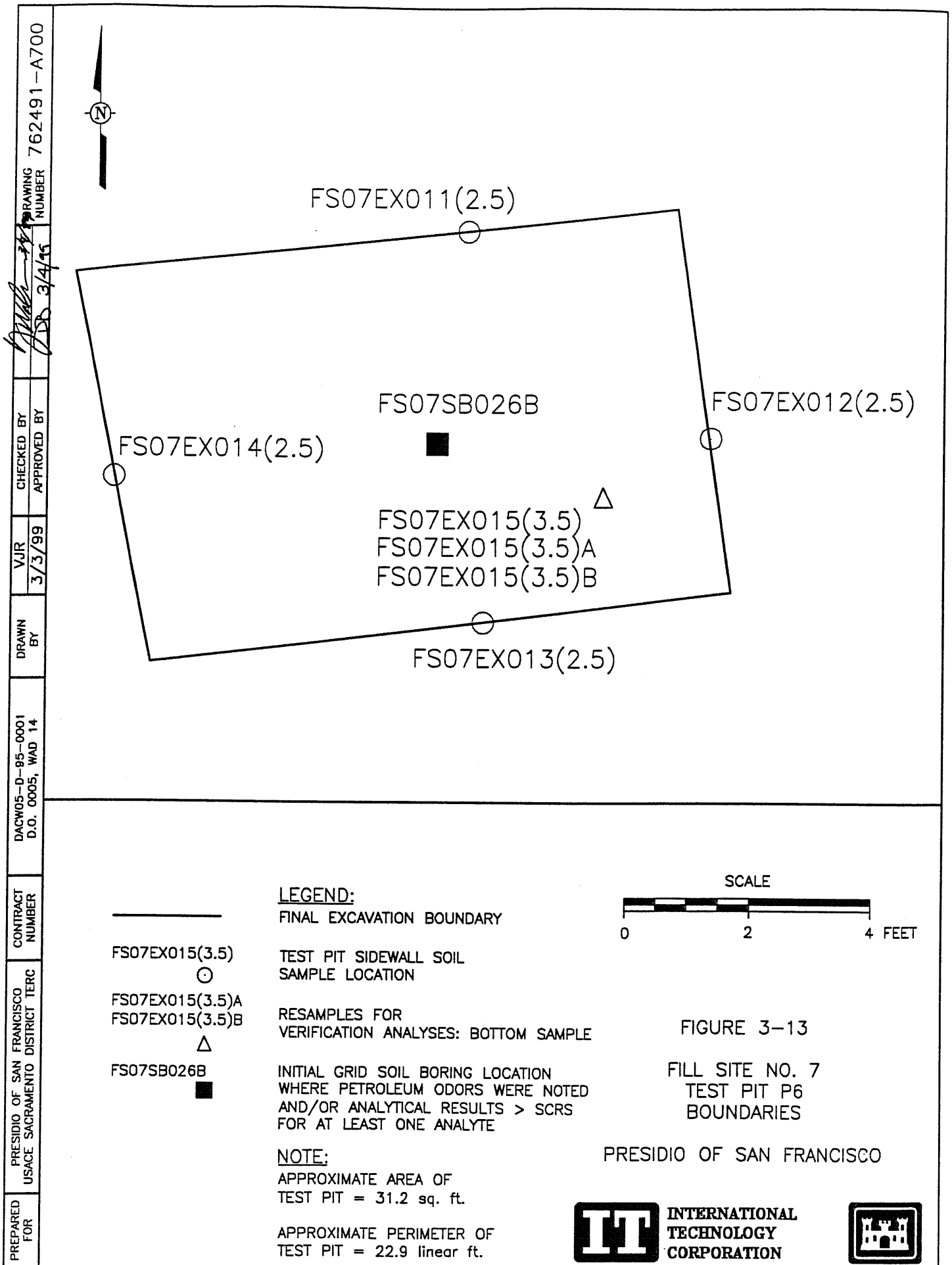


FIGURE 3-15

FILL SITE NO. 7
TEST PIT P8
BOUNDARIES

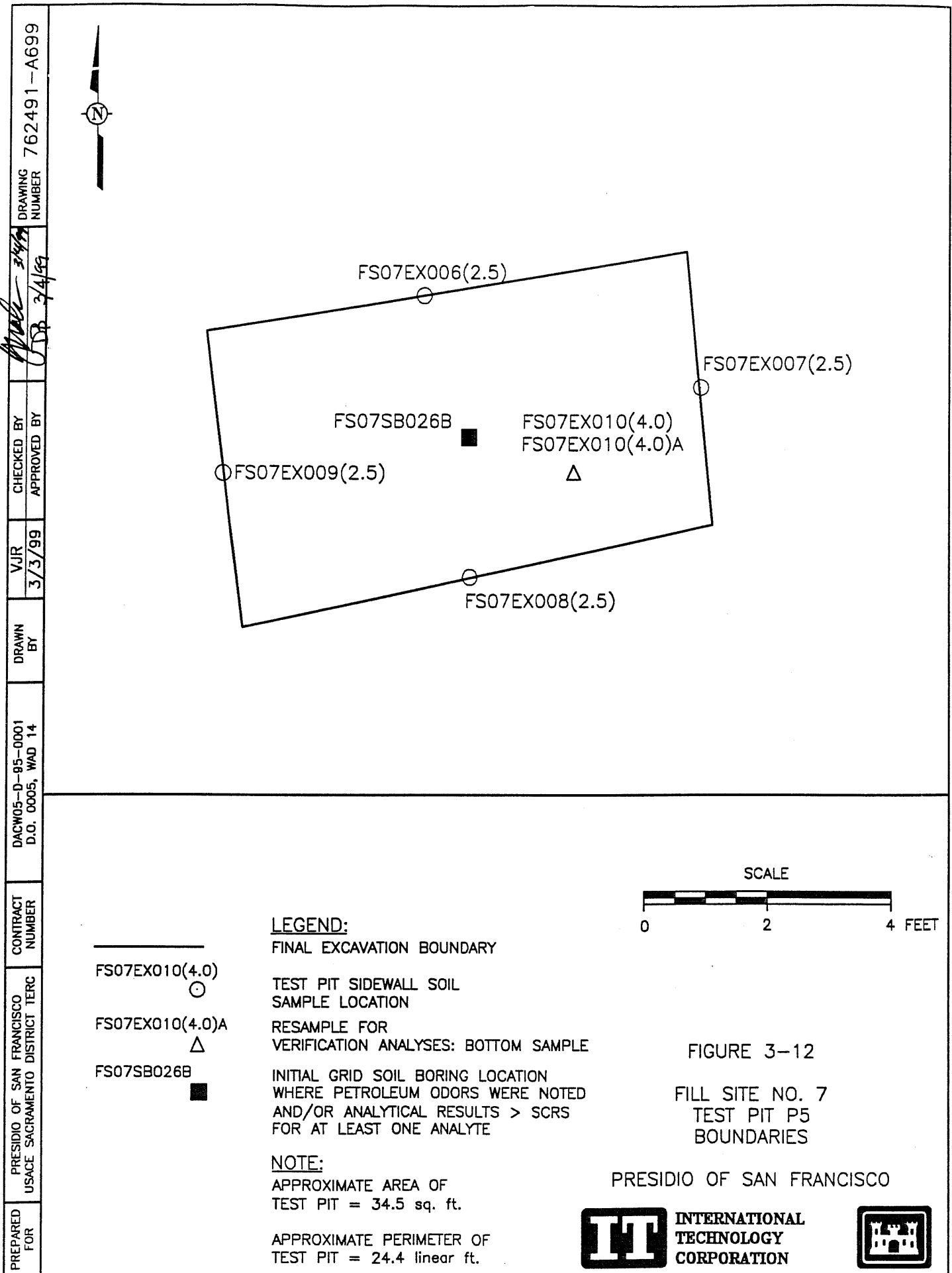
PRESIDIO OF SAN FRANCISCO





DRAWING NUMBER 762491-A700
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 APPROVED BY [Signature]
 VJR 3/3/99
 DRAWN BY [Signature]
 DACW05-D-85-0001
 D.O. 0005, WAD 14
 CONTRACT NUMBER
 PRESIDIO OF SAN FRANCISCO
 USACE SACRAMENTO DISTRICT TERC
 PREPARED FOR





DRAFT



200 0 200 Feet

LEGEND

- ⊙ Hand Auger Soil (Zinc) Sample Location, 21 July 2003
- ⊕ Hand Auger Soil Sample Location, 22 July 2001
- ⊙ Surface Soil Sample Location, 22 July 2001
- CFMSS5 [0.5] Sample location [depth in feet]
- [1]-HMG Sample Homogenized Prior to Analysis
- DU Duplicate Sample
- Topographic Contour (Contour Interval: 5 feet)
- - - Removed portions of 12 kV electrical conduit
- Former Army Metals Excavation Boundary
- 610 Building and Number

Notes:
NA - Not Analysed

All units in milligrams per kilogram

Values in BOLD indicate a result above cleanup levels.

Cleanup Levels from Appendix A of the Crissy Field Remedial Action Plan (Army and DTSC, 1998).

Metals Excavation Boundary taken from Figure 3-1 Soil Remediation Closure Report, Fill Site No. 7 (IT Corp, 1999a)

Horizontal Datum: NAD 27, CA State Plane Coordinates, Zone 3, feet
Vertical Datum: Presidio Lower Low Water (ft. PLLW)

FILL SITE 7
CONFIRMATION SAMPLING RESULTS

Treadwell & Rollo



THE
PRESIDIO TRUST

Presidio Trust
34 Graham Street
P.O. Box 29052
San Francisco, CA
94129-0052
415/561-5300
fax 561-5315
November 2003

FIGURE 2

METAL	CLEANUP LEVEL
CHROMIUM	94
COPPER	52
LEAD	477
MERCURY	2.79
NICKEL	263
ZINC	89

San Francisco Bay

CFMSS8 [0.5]
CHROMIUM 32
COPPER 7.8
LEAD 7.5
MERCURY 0.029
NICKEL 43
ZINC 20

CFMSS10 [1.5]
CHROMIUM 30
COPPER 2.7
LEAD 1.2
MERCURY 0.021
NICKEL 37
ZINC .11

CFMSS9 [0.5]
CHROMIUM 44
COPPER 8.9
LEAD 12
MERCURY 0.054
NICKEL 53
ZINC 37

CFMSS1 [1]
CHROMIUM 54
COPPER 35
LEAD 64
MERCURY 0.18
NICKEL 79
ZINC 69

CFMSS2 [0.5]
CHROMIUM 29
COPPER 14
LEAD 35
MERCURY 0.14
NICKEL 34
ZINC 30

CFMSS7 [1.5]
CHROMIUM 34
COPPER 6.2
LEAD 2.4
MERCURY 0.070
NICKEL 29
ZINC 13

CFMSS3 [1]	[1]-DU
CHROMIUM 28	27
COPPER 40	23
LEAD 160	110
MERCURY 0.48	0.36 J-
NICKEL 39	37
ZINC 98	110

CFMSS4 [1.75]
CHROMIUM 42
COPPER 9.8
LEAD 12
MERCURY 0.052
NICKEL 59
ZINC 25

CFMSS6 [1.5]
CHROMIUM 35
COPPER 6.1
LEAD 3.1
MERCURY 0.033
NICKEL 32
ZINC 12

CFMSS5 [0.5]
CHROMIUM 21
COPPER 6.0
LEAD 9.8
MERCURY 0.029
NICKEL 29
ZINC 21

CFMSS3 [1.0]
CHROMIUM NA
COPPER NA
LEAD NA
MERCURY NA
NICKEL NA
ZINC 58

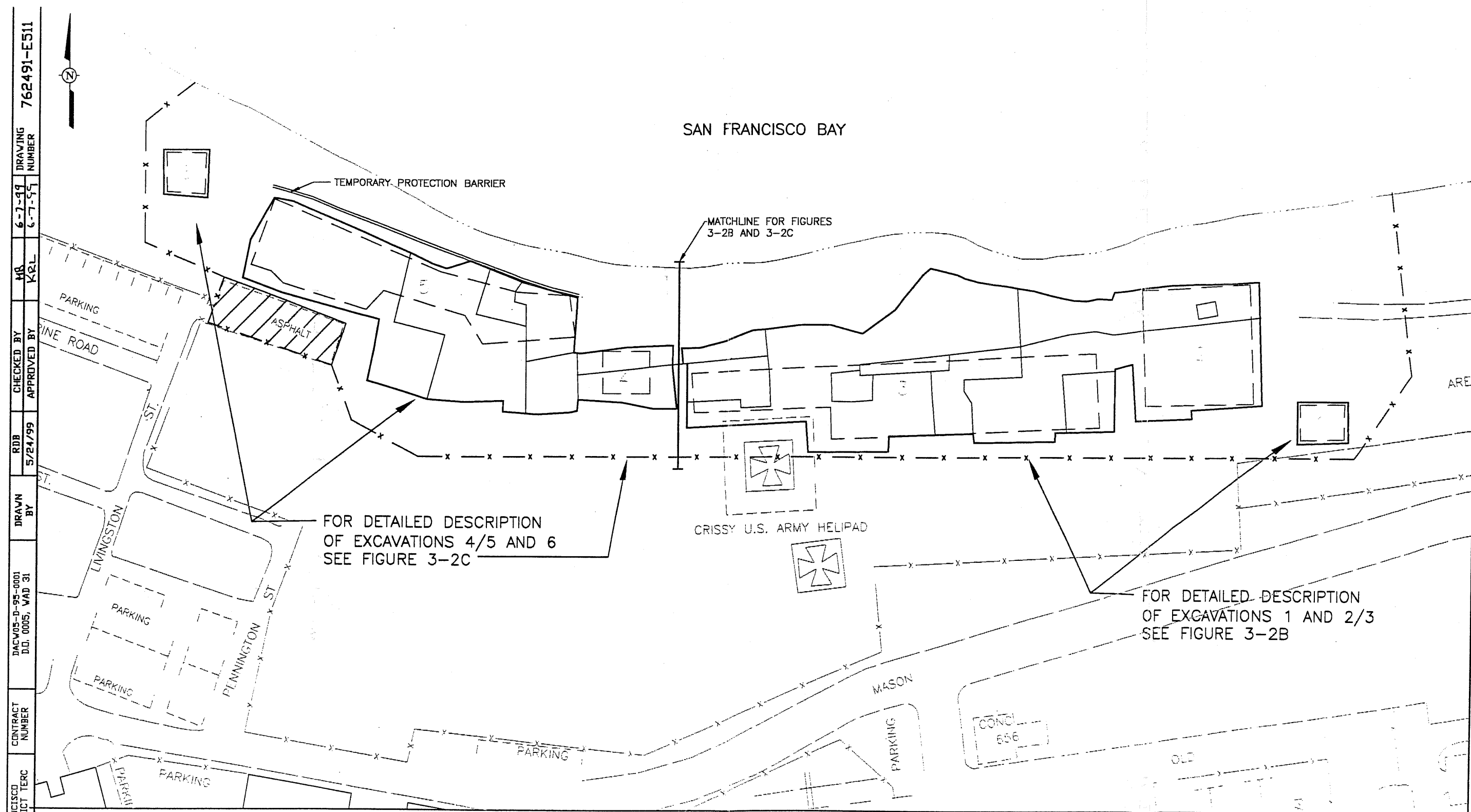
CFMSS11 [1]	[1]-HMG
CHROMIUM NA	NA
COPPER NA	NA
LEAD NA	NA
MERCURY NA	NA
NICKEL NA	NA
ZINC 58	61

CFMSS12 [1]	[1]-HMG
CHROMIUM NA	NA
COPPER NA	NA
LEAD NA	NA
MERCURY NA	NA
NICKEL NA	NA
ZINC 99	240

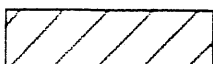
CFMSS13 [1]	[1]-DU	[1]-HMG	[1]-HMG-DU
CHROMIUM NA	NA	NA	NA
COPPER NA	NA	NA	NA
LEAD NA	NA	NA	NA
MERCURY NA	NA	NA	NA
NICKEL NA	NA	NA	NA
ZINC 320	86	81	100

CFMSS14 [1]	[1]-HMG
CHROMIUM NA	NA
COPPER NA	NA
LEAD NA	NA
MERCURY NA	NA
NICKEL NA	NA
ZINC 110	180

Treadwell & Rollo - 2893.081FST SAMPLES.APR 09/2003



LEGEND:

- INITIAL EXCAVATION BOUNDARY
- FINAL EXCAVATION BOUNDARY
- x - x - EXCLUSION ZONE BOUNDARY
-  DECONTAMINATION AREA

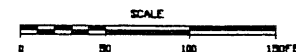


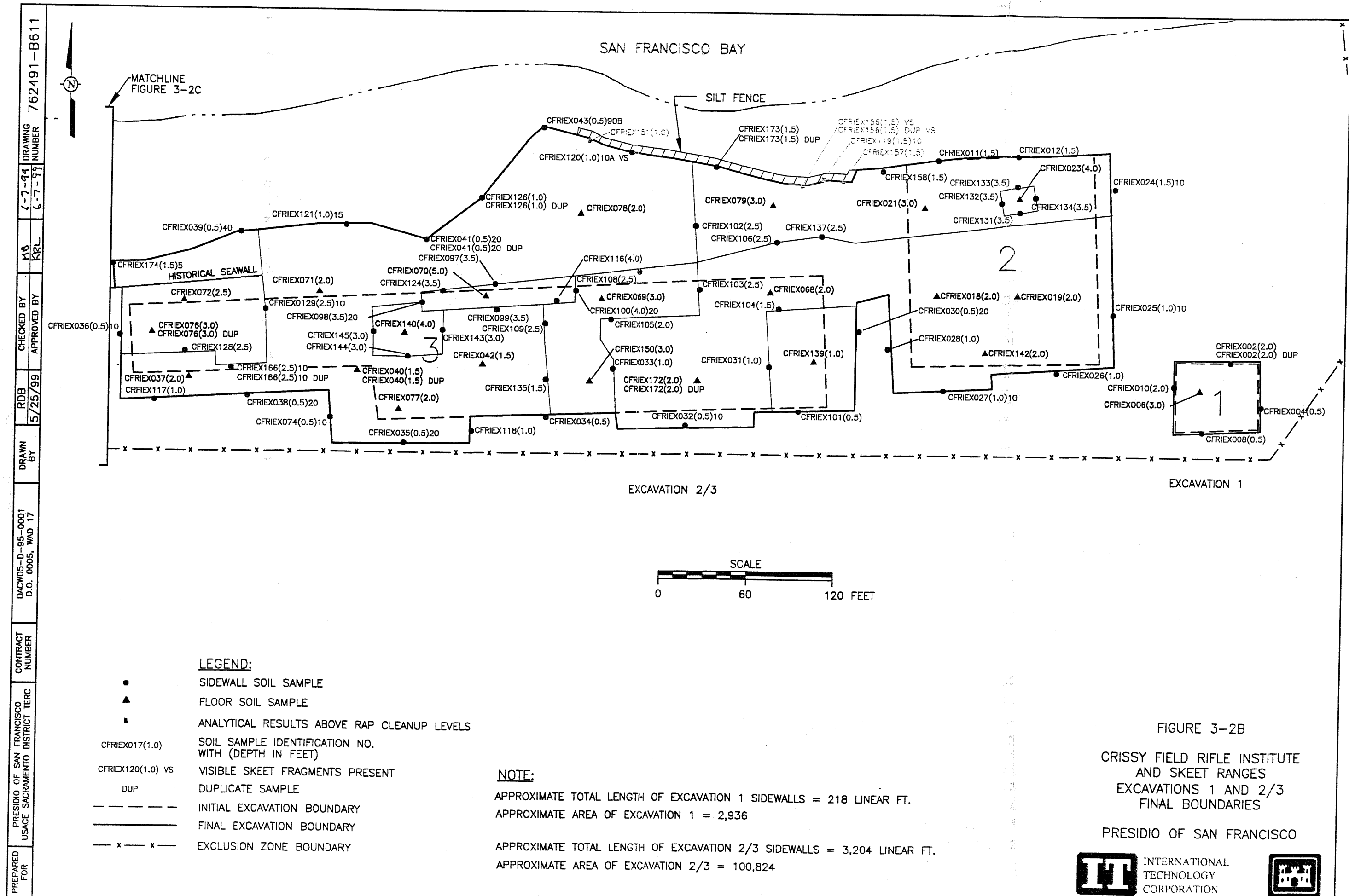
FIGURE 3-2A

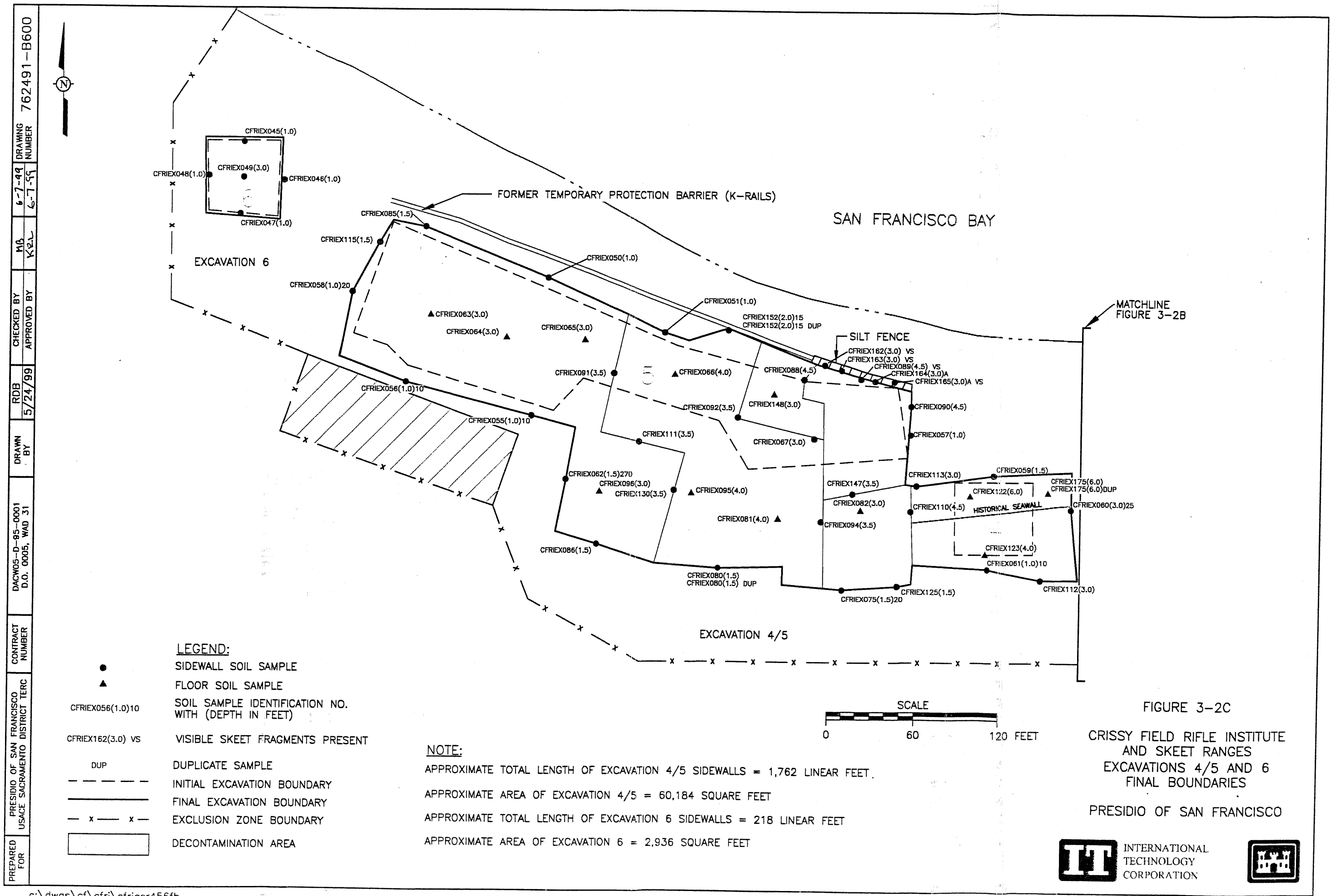
**CRISSY FIELD RIFLE INSTITUTE
AND SKEET RANGES EXCAVATIONS
FINAL BOUNDARIES**

PRESIDIO OF SAN FRANCISCO

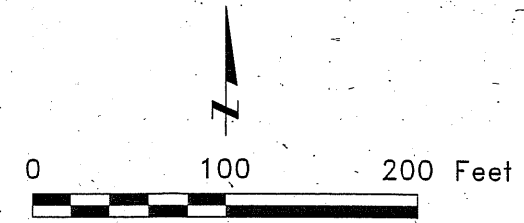
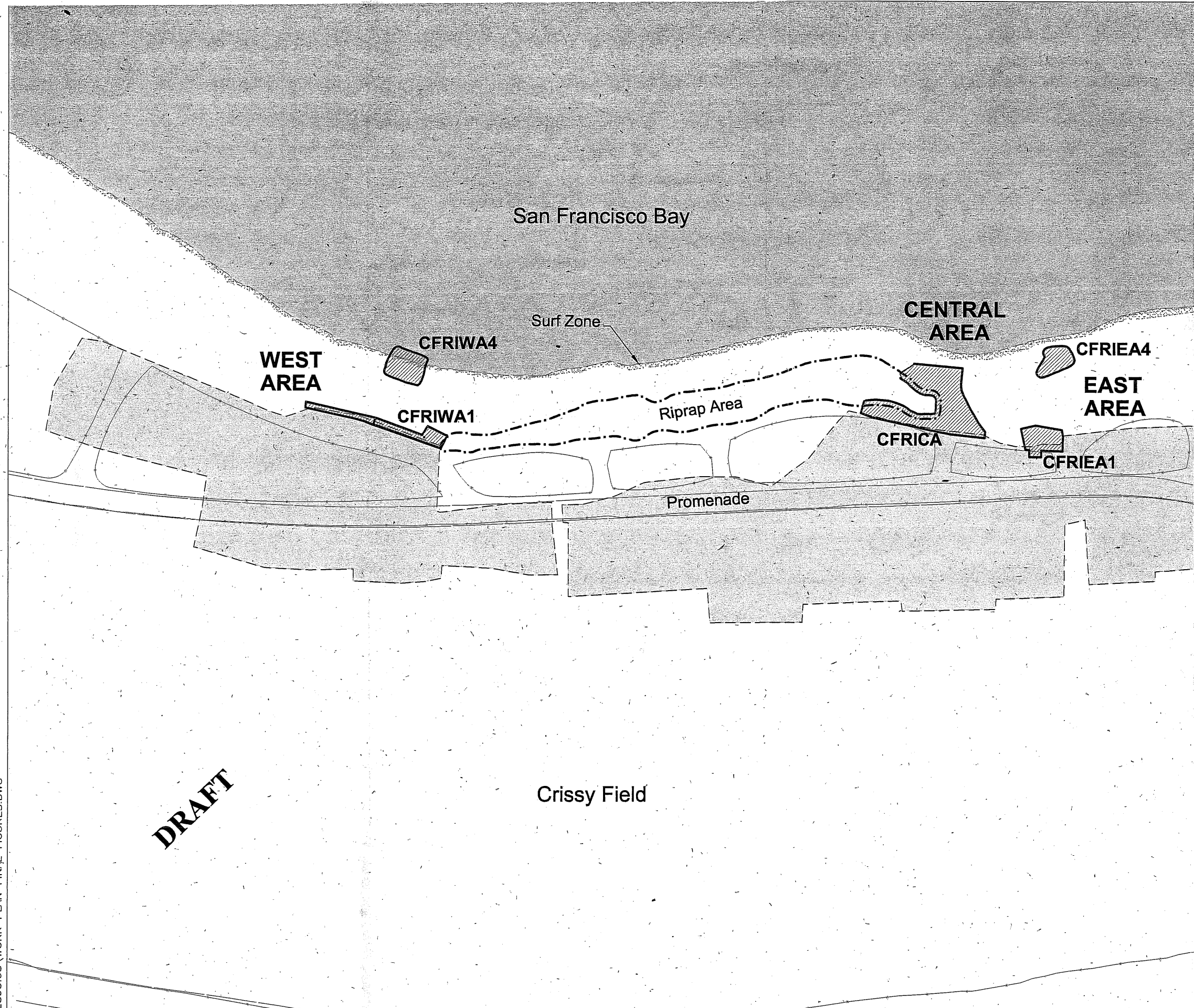


DRAWING NUMBER: 762491-E511
 DATE: 6-7-99
 CHECKED BY: MR. KRL
 APPROVED BY: RDB 5/24/99
 DRAWN BY: ST.
 CONTRACT NUMBER: DACW05-D-95-0001
 D.O. 0005, WAD 31
 PREPARED FOR: PRESIDIO OF SAN FRANCISCO
 USACE SACRAMENTO DISTRICT TERC





DRAWING NUMBER 762491-B600
 6-7-99
 MB
 KRL
 CHECKED BY
 APPROVED BY
 RDB
 5/24/99
 DRAWN BY
 DACW05-D-95-0001
 D.O. 0005, WAD 31
 CONTRACT NUMBER
 PRESIDIO OF SAN FRANCISCO
 USACE SACRAMENTO DISTRICT TERC
 PREPARED FOR

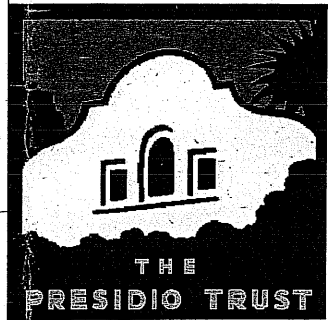


- LEGEND**
- x—x— Fence
 - - - - Riprap Area
 - - - - Army 1998 Remedial Excavation Limits (IT, 1999)
 - ▨ Limits of 2002 Excavations

- Notes:
1. Basemap obtained from survey performed for the Golden Gate National Parks Association, January 2000.
 2. Elevations reported in feet National Geodetic Vertical Datum 1929 (NGVD).

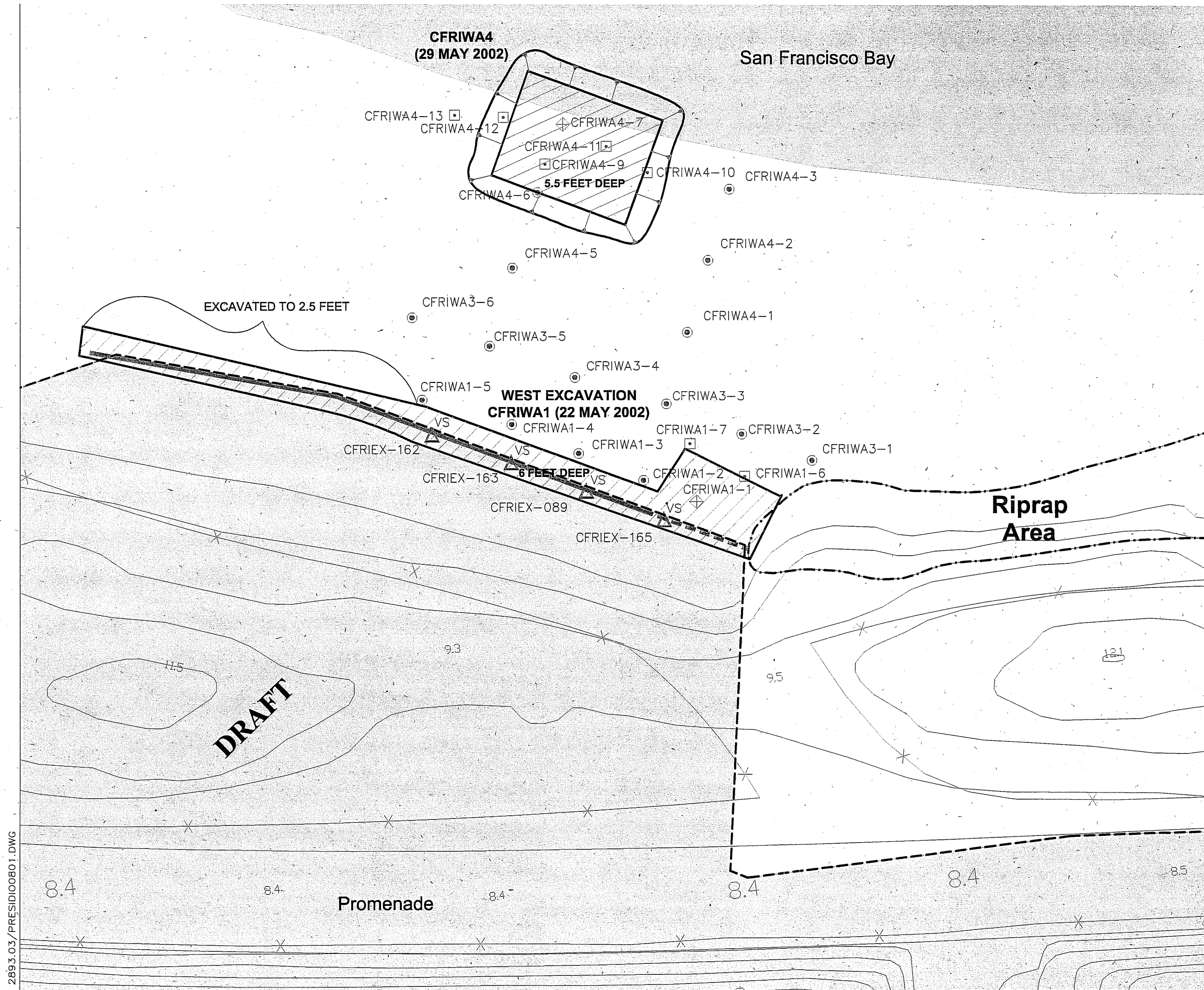
DRAFT

**SITE PLAN
CRISSY FIELD RIFLE INSTITUTE AND
SKEET RANGES BEACH AREA**












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 fax 415/561-5315
 February 2003

FIGURE 2



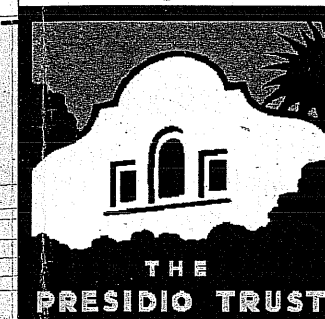
LEGEND

-  Limits of 2002 Excavation
-  Visible Silt Fence Removed
-  Elevation Contour
-  Boundary of Riprap Area
-  August 2000 Sampling Location
-  May 2001 Sampling Location
-  Location Sampled August 2000 and May 2001
-  Approximate Location of Army Sample Containing Visible Skeet (VS) Fragments or PAHs Above Cleanup Goals
-  Army 1998 Remedial Excavation Limits (IT, 1999)

Notes:

1. Basemap obtained from survey performed for the Golden Gate National Parks Association, January 2000.
2. Elevations reported in feet National Geodetic Vertical Datum 1929 (NGVD).
3. Pre-excavation sampling locations surveyed by Towill, Inc. on 31 August 2000, 24 May 2001, and 25 May 2001.

WEST AREA LIMITS OF EXCAVATION CRISSY FIELD RIFLE INSTITUTE AND SKEET RANGES BEACH AREA

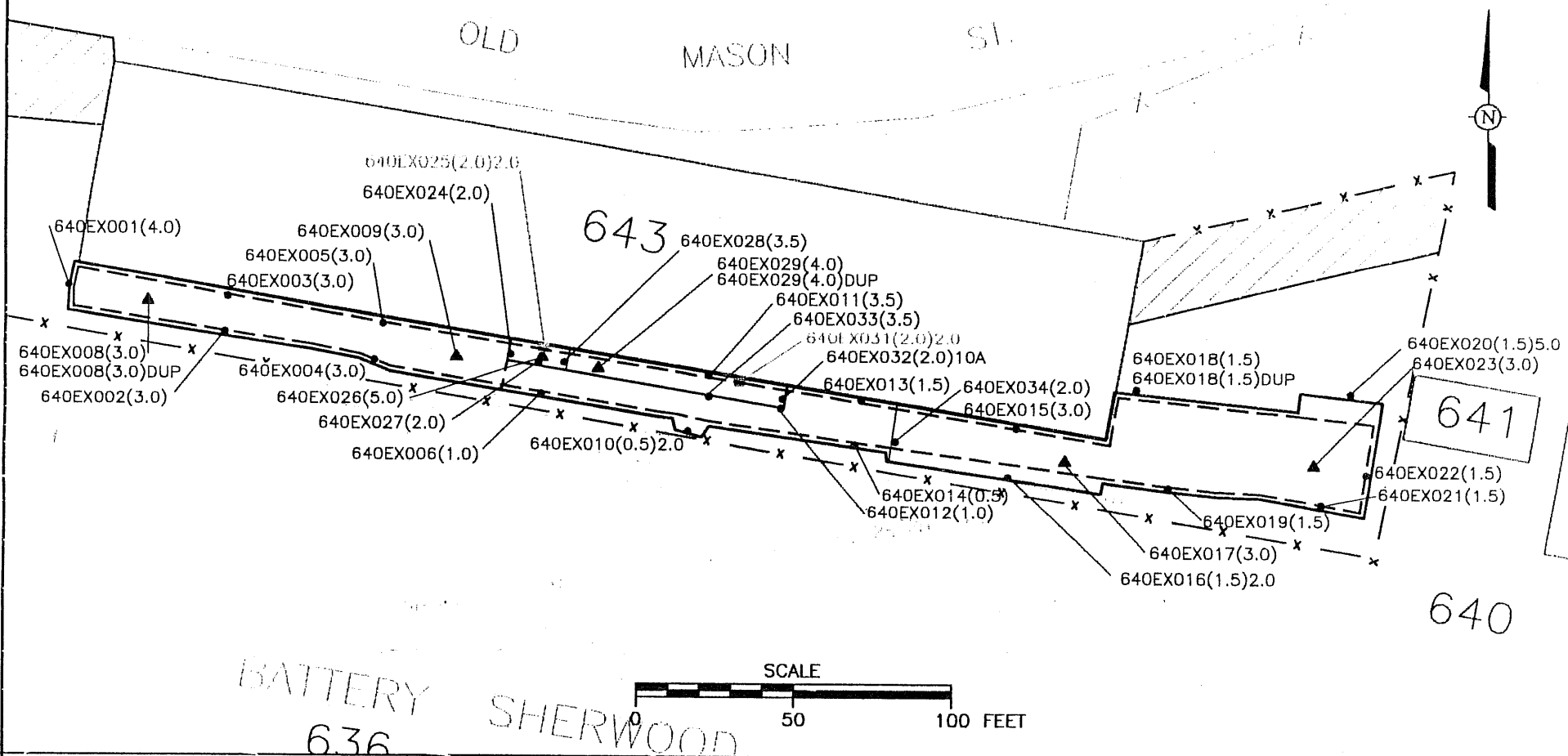


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February 2003

FIGURE 6

PREPARED FOR	PRESIDIO OF SAN FRANCISCO USACE SACRAMENTO DISTRICT TERC	CONTRACT NUMBER	DACW05-D-95-0001 D.O. 0005, WAD 15	DRAWN BY	RDB 6/3/99	CHECKED BY	MB 6-7-99	DRAWING NUMBER	762491-A640
						APPROVED BY	Kru 6-7-99		



LEGEND:

641	BUILDING AND NUMBER
•	SIDEWALL SOIL SAMPLE
▲	FLOOR SOIL SAMPLE
~	ZINC CONCENTRATIONS ABOVE RAP CLEANUP LEVELS
640EX001(4.0)	SOIL SAMPLE IDENTIFICATION NO. WITH (DEPTH IN FEET)
DUP	DUPLICATE SAMPLE

---	INITIAL EXCAVATION BOUNDARY
---	FINAL EXCAVATION BOUNDARY
- x -	EXCLUSION ZONE BOUNDARY
▨	DECONTAMINATION AREA
~	TOPOGRAPHIC CONTOUR LINE

NOTE:

APPROXIMATE TOTAL LENGTH OF EXCAVATION SIDEWALLS = 1060 LINEAR FEET

APPROXIMATE AREA OF EXCAVATION = 8188 SQUARE FEET

FIGURE 3-3

BUILDING 640/643
FINAL EXCAVATION BOUNDARIES

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The figure is a site map showing building footprints, sample locations, and lead levels. It includes a north arrow, coordinate grid, and two tables of data.

Map Details:

- North Arrow:** Located in the top left corner, pointing North.
- Coordinate Grid:** The map is overlaid with a grid. The vertical axis is labeled with 'N' and values: 481400, 481200, 481000, 480800, 480600, 480400. The horizontal axis is labeled with 'E' and values: 1431600, 1431800, 1432000, 1432200, 1432400, 1432600, 1432800, 1433000.
- Buildings:** Numerous building footprints are shown, many labeled with numbers (e.g., 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000).
- Sample Locations:** Indicated by small black squares, many labeled with sample IDs (e.g., 901SS01<0.0>, 901SS02<0.0>, 901SS03<0.0>, 901SS04<0.0>, 901SS05<0.0>, 901SS06<0.0>, 901SS07<0.0>, 901SS08<0.0>, 901SS09<0.0>, 901SS10<0.0>, 901SS11<0.0>, 901SS12<0.0>, 901SS13<0.0>, 901SS14<0.0>, 901SS15<0.0>, 901SS16<0.0>, 901SS17<0.0>, 901SS18<0.0>, 901SS19<0.0>, 901SS20<0.0>, 901SS21<0.0>, 901SS22<0.0>, 901SS23<0.0>, 901SS24<0.0>, 901SS25<0.0>, 901SS26<0.0>, 901SS27<0.0>, 901SS28<0.0>, 901SS29<0.0>, 901SS30<0.0>, 901SS31<0.0>, 901SS32<0.0>, 901SS33<0.0>, 901SS34<0.0>, 901SS35<0.0>, 901SS36<0.0>, 901SS37<0.0>, 901SS38<0.0>, 901SS39<0.0>, 901SS40<0.0>, 901SS41<0.0>, 901SS42<0.0>, 901SS43<0.0>, 901SS44<0.0>, 901SS45<0.0>, 901SS46<0.0>, 901SS47<0.0>, 901SS48<0.0>, 901SS49<0.0>, 901SS50<0.0>, 901SS51<0.0>, 901SS52<0.0>, 901SS53<0.0>, 901SS54<0.0>, 901SS55<0.0>, 901SS56<0.0>, 901SS57<0.0>, 901SS58<0.0>, 901SS59<0.0>, 901SS60<0.0>, 901SS61<0.0>, 901SS62<0.0>, 901SS63<0.0>, 901SS64<0.0>, 901SS65<0.0>, 901SS66<0.0>, 901SS67<0.0>, 901SS68<0.0>, 901SS69<0.0>, 901SS70<0.0>, 901SS71<0.0>, 901SS72<0.0>, 901SS73<0.0>, 901SS74<0.0>, 901SS75<0.0>, 901SS76<0.0>, 901SS77<0.0>, 901SS78<0.0>, 901SS79<0.0>, 901SS80<0.0>, 901SS81<0.0>, 901SS82<0.0>, 901SS83<0.0>, 901SS84<0.0>, 901SS85<0.0>, 901SS86<0.0>, 901SS87<0.0>, 901SS88<0.0>, 901SS89<0.0>, 901SS90<0.0>, 901SS91<0.0>, 901SS92<0.0>, 901SS93<0.0>, 901SS94<0.0>, 901SS95<0.0>, 901SS96<0.0>, 901SS97<0.0>, 901SS98<0.0>, 901SS99<0.0>, 901SS100<0.0>).
- Lead Levels:** Indicated by small black squares, many labeled with lead levels (e.g., 3.1, 57, <1.1, 110, 41, 30, 11, 140, 14, 3.4, 477).
- Highway:** A highway is shown at the bottom of the map, labeled 'HIGHWAY 101 OVERPASS'.

Tables:

Table 1 (Top Right):

BUILDING	SAMPLES	LEAD (mg/kg)
901	901SS01<0.0>	3.1
902	901SS02<0.0>	57
903	901SS03<0.0>	<1.1
904	901SS04<0.0>	110
905	901SS05<0.0>	41
906	901SS06<0.0>	30
907	901SS07<0.0>	11
908	901SS08<0.0>	140
909	901SS09<0.0>	14
910	901SS10<0.0>	3.4
—	CLEANUP LEVEL ^d	477

Table 2 (Bottom Left):

BUILDING	SAMPLES	LEAD ^a (mg/kg)
911	901SS11<0.0>	<1.1
911	901DUP012698A1 ^b	120
912	901SS12<0.0>	78
913	901SS13<0.0>	13
914	901SS14<0.0>	13
915	901SS15<0.0>	86
916	901SS16<0.0>	39
917	901SS17<0.0>	16
917	901DUP012198A1 ^c	3.8
918	901SS18<0.0>	13
919	901SS19<0.0>	3.0
—	CLEANUP LEVEL ^d	477

Metadata:

- PREPARED FOR:** PRESIDIO OF SAN FRANCISCO, USACE SACRAMENTO DISTRICT TERC
- CONTRACT NUMBER:** N 480600
- DRAWN BY:** N 480800
- RDB:** 5/20/98
- CHECKED BY:** N 481200
- DRAWING NUMBER:** 762491-B522

BUILDING	SAMPLES	LEAD (mg/kg)
901	901SS01<0.0)	3.1
902	901SS02<0.0)	57
903	901SS03<0.0)	<1.1
904	901SS04<0.0)	110
905	901SS05<0.0)	41
906	901SS06<0.0)	30
907	901SS07<0.0)	11
908	901SS08<0.0)	140
909	901SS09<0.0)	14
910	901SS10<0.0)	3.4
—	CLEANUP LEVEL ^{d.}	477

LEGEND

901	FORMER BUILDING AND NUMBER
901SS11(0.5)	SAMPLE IDENTIFICATION NUMBER AND LOCATION TOP OF 6" SAMPLE INTERVAL (IN FEET BGS) IN PARENTHESES

NOTES

- a. mg/kg - MILLIGRAMS PER KILOGRAM
- b. DUPLICATE SAMPLE OF 901SS11.
- c. DUPLICATE SAMPLE OF 901SS17.
- d. CLEANUP LEVEL PRESENTED IN THE FINAL RAP (USACE, 1998).

SCALE

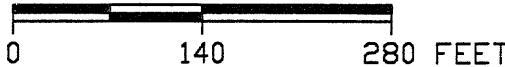


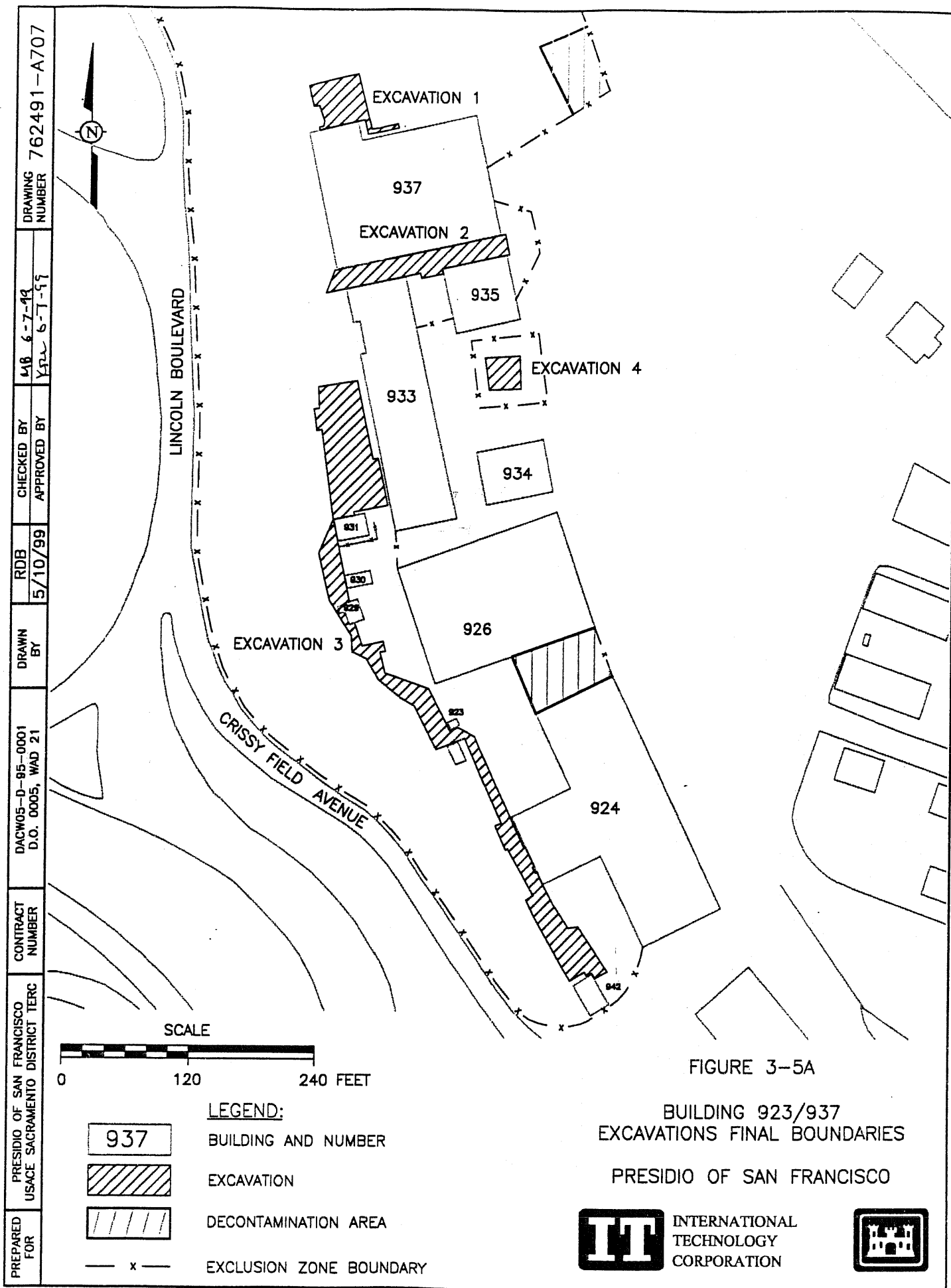
FIGURE 1B

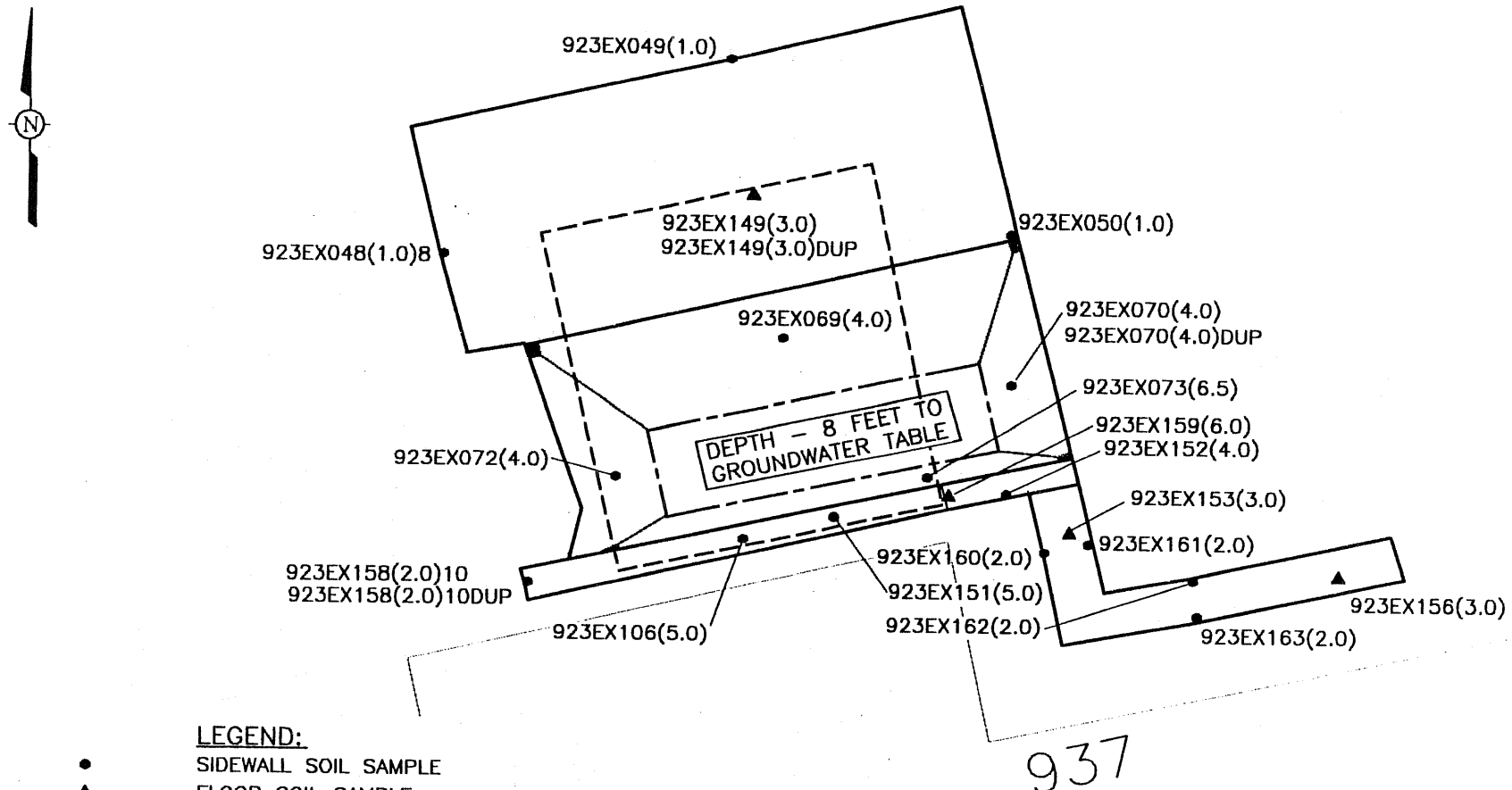
SOIL SAMPLE LOCATIONS AND
ANALYTICAL RESULTS
FORMER BUILDINGS 901/919 AREA
PRESIDIO OF SAN FRANCISCO



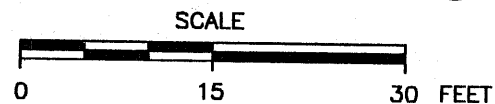
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- LEGEND:**
- SIDEWALL SOIL SAMPLE
 - ▲ FLOOR SOIL SAMPLE
 - 923EX049(1.0) SOIL SAMPLE IDENTIFICATION NO. WITH (DEPTH IN FEET)
 - DUP DUPLICATE SAMPLE
 - 937 BUILDING AND NUMBER
 - EXCAVATION FLOOR
 - INITIAL EXCAVATION BOUNDARY
 - FINAL EXCAVATION BOUNDARY
 - EXCAVATION SIDEWALL SLOPING



NOTE:

APPROXIMATE TOTAL LENGTH OF
EXCAVATION SIDEWALLS = 372 LINEAR FEET

APPROXIMATE AREA OF
EXCAVATION = 2,189 SQUARE FEET

FIGURE 3-5B

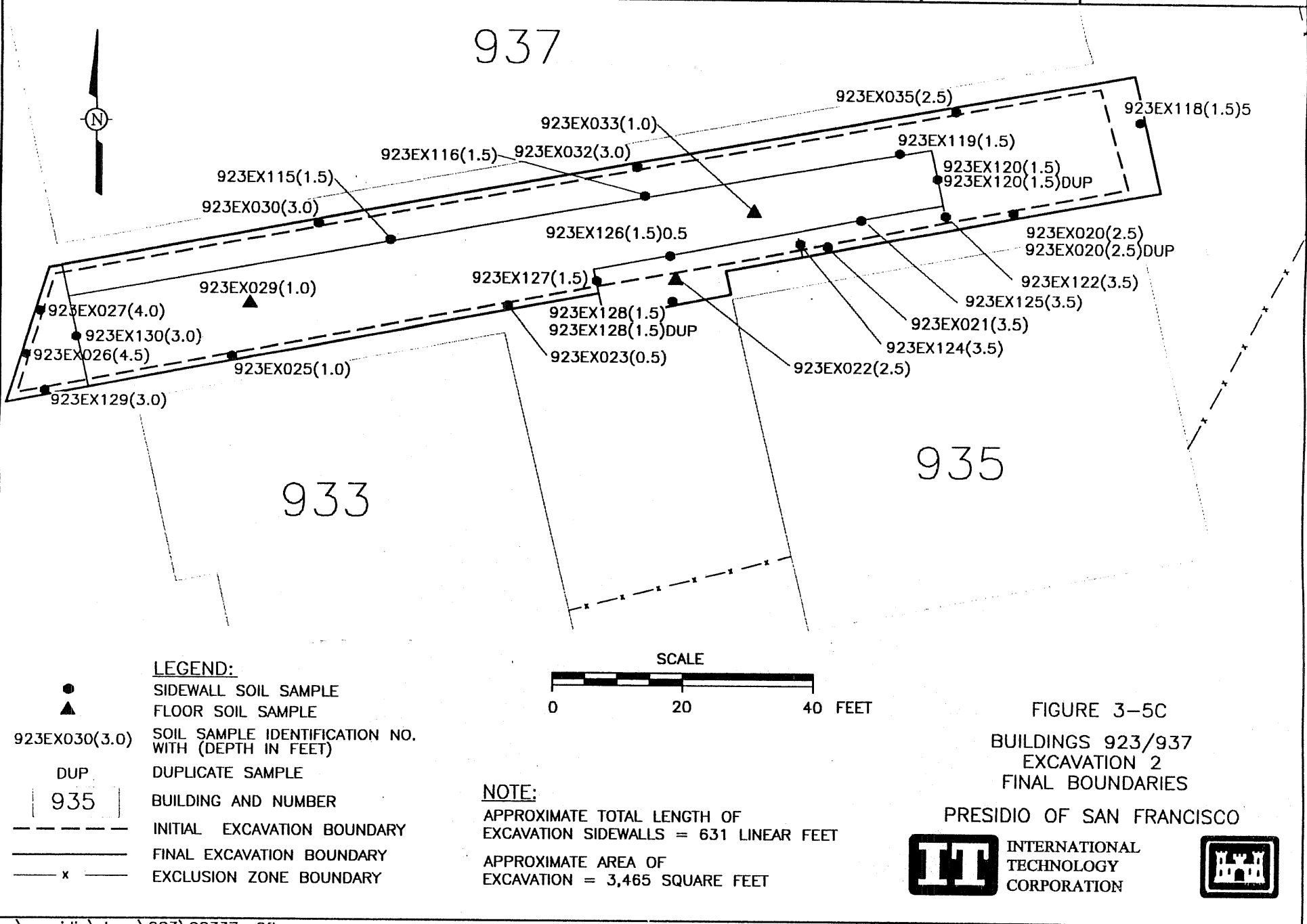
BUILDING 923/937
EXCAVATION 1 FINAL BOUNDARIES

PRESIDIO OF SAN FRANCISCO

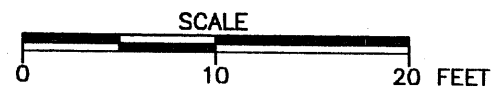
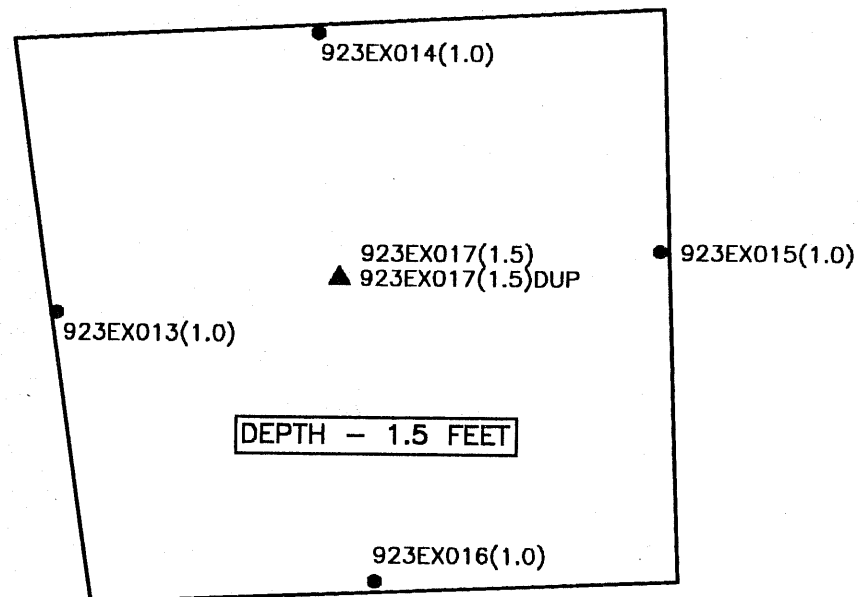


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PREPARED FOR	PRESIDIO OF SAN FRANCISCO USACE SACRAMENTO DISTRICT TERC	CONTRACT NUMBER	DACW05-D-95-0001 D.O. 0005, WAD 17	DRAWN BY	RDB 5/13/99	CHECKED BY APPROVED BY	MB 6-7-99 KPL 6-7-99	DRAWING NUMBER	762491-A663
--------------	---	-----------------	---------------------------------------	----------	----------------	---------------------------	-------------------------	----------------	-------------



LEGEND:

- SIDEWALL SOIL SAMPLE
- ▲ FLOOR SOIL SAMPLE
- 923EX013(1.0) SOIL SAMPLE IDENTIFICATION NO. WITH (DEPTH IN FEET)
- DUP DUPLICATE SAMPLE
- INITIAL AND FINAL EXCAVATION BOUNDARY

NOTE:

APPROXIMATE TOTAL LENGTH OF EXCAVATION SIDEWALLS = 125 LINEAR FEET

APPROXIMATE AREA OF EXCAVATION = 971 SQUARE FEET

FIGURE 3-5E

BUILDING 923/937
EXCAVATION 4
FINAL BOUNDARIES

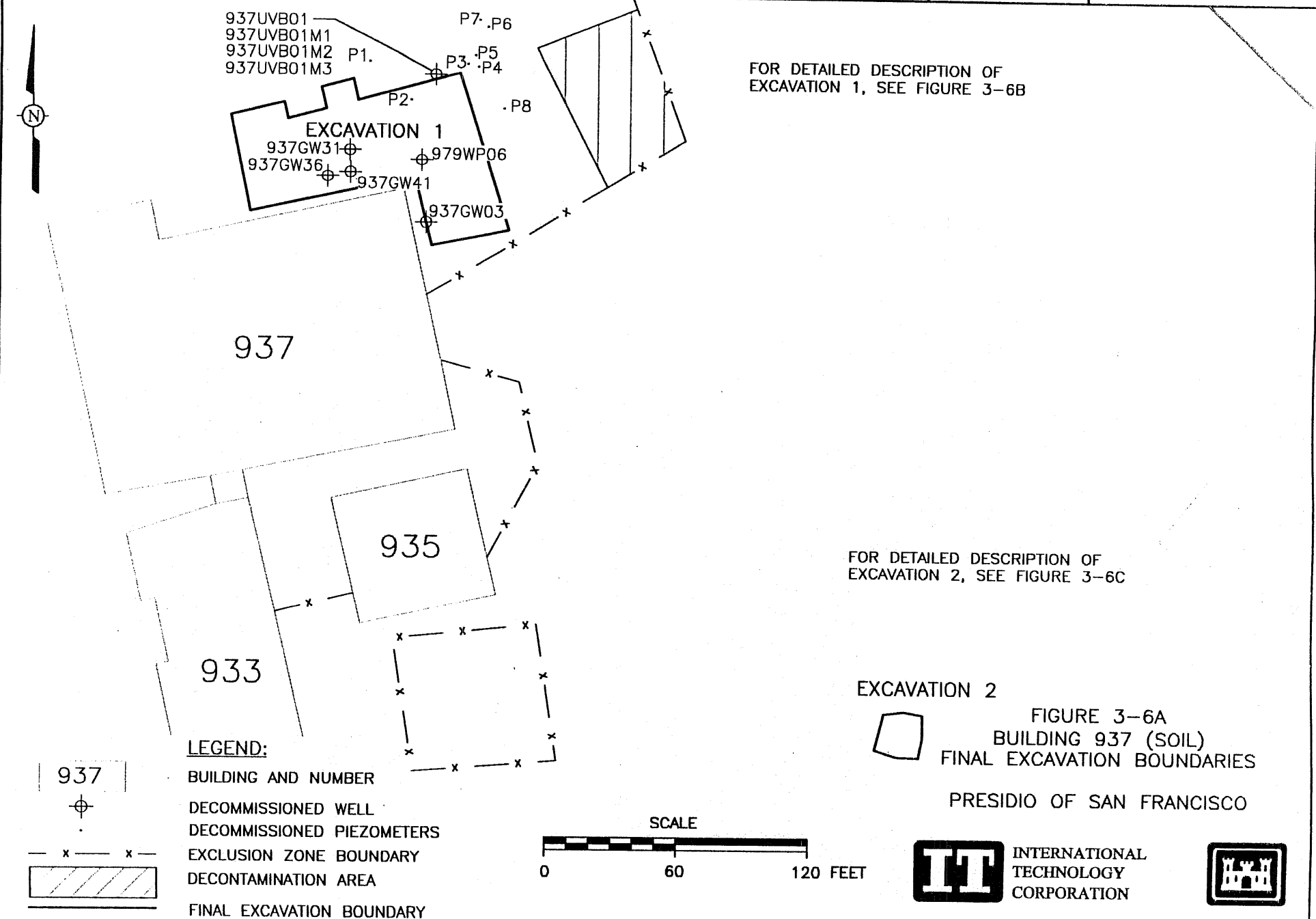
PRESIDIO OF SAN FRANCISCO

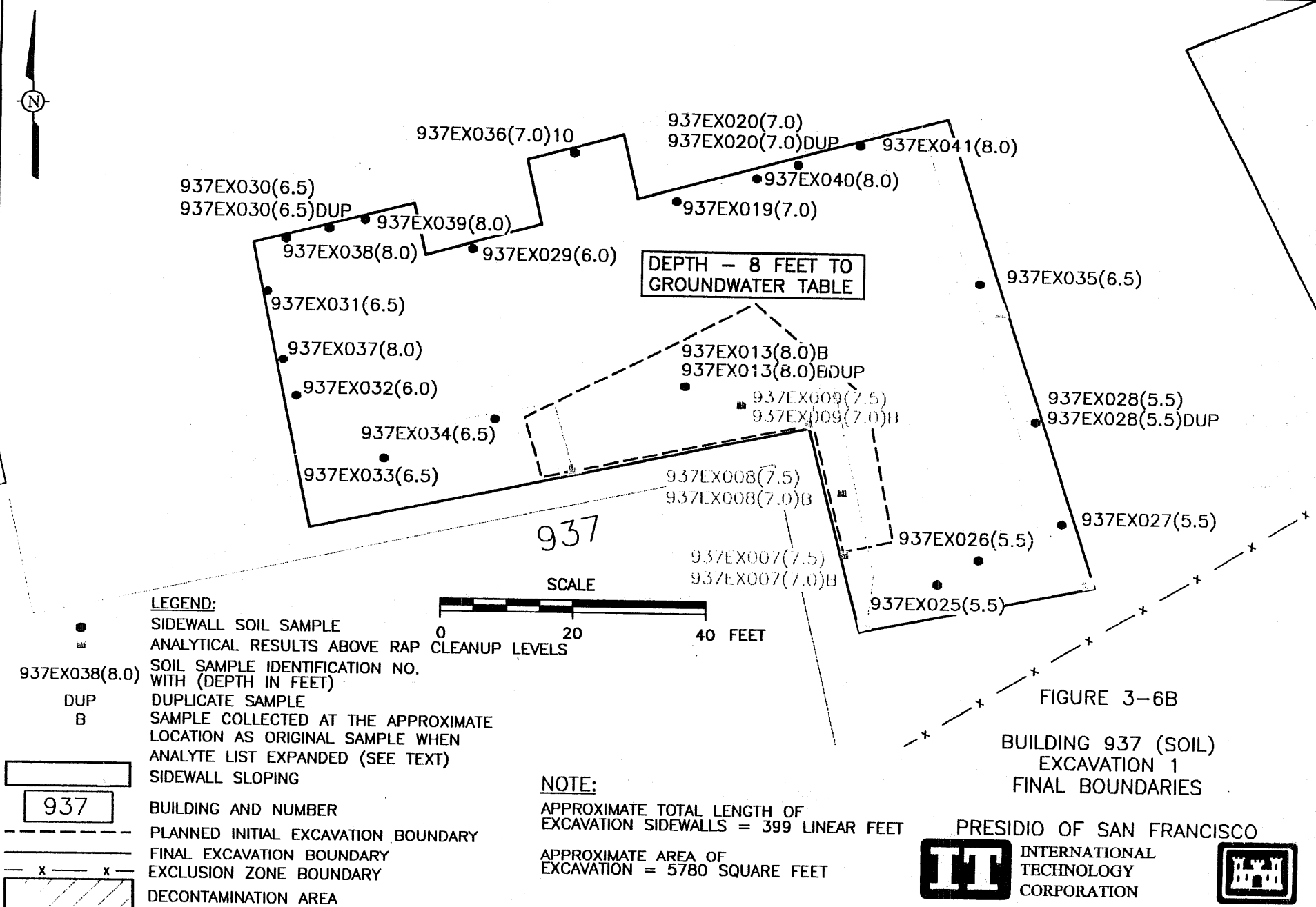


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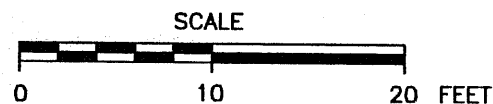
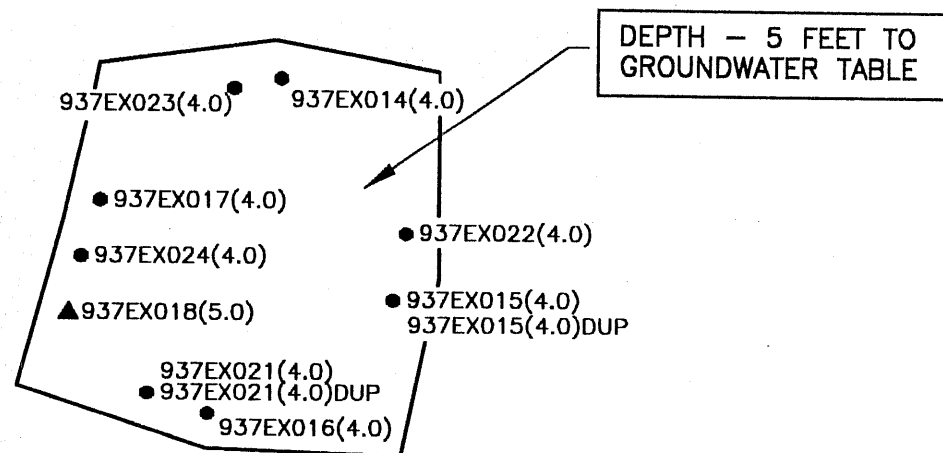
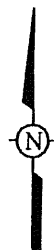


PREPARED FOR	PRESIDIO OF SAN FRANCISCO USACE SACRAMENTO DISTRICT TERC	CONTRACT NUMBER	DACW05-D-95-0001 D.O. 0005, WAD 17	DRAWN BY	RDB 5/13/99	CHECKED BY APPROVED BY	MB 6-7-99 KRL 6-7-99	DRAWING NUMBER	762491-A664
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PREPARED FOR	PRESIDIO OF SAN FRANCISCO USACE SACRAMENTO DISTRICT TERC	CONTRACT NUMBER	DACW05-D-95-0001 D.O. 0005, WAD 17	DRAWN BY	RDB 5/25/99	CHECKED BY APPROVED BY	MB 6-7-99 KRL 6-7-99	DRAWING NUMBER	762491-A663
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LEGEND:

● SIDEWALL SOIL SAMPLE

▲ FLOOR SOIL SAMPLE

937EX021(4.0) SOIL SAMPLE IDENTIFICATION NO.
AND (DEPTH IN FEET)

DUP DUPLICATE SAMPLE

— INITIAL AND FINAL EXCAVATION BOUNDARY

NOTE:

APPROXIMATE TOTAL LENGTH OF
EXCAVATION SIDEWALLS = 77 LINEAR FEET

APPROXIMATE AREA OF
EXCAVATION = 398 SQUARE FEET

FIGURE 3-6C

BUILDING 937 (SOIL)
EXCAVATION 2
FINAL BOUNDARIES

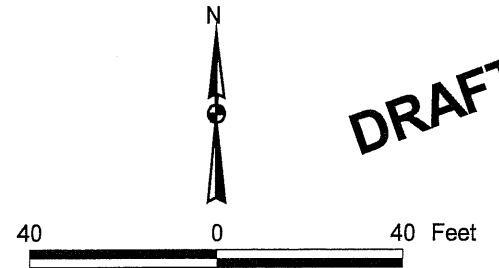
PRESIDIO OF SAN FRANCISCO



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TECHNOLOGY
CORPORATION



DRAFT



LEGEND

- Topographic Contour
(Contour Interval : 10 ft)
- 937GW06 Shallow Groundwater Monitoring Well
- 937GW42 Intermediate Groundwater Monitoring Well
- 937GW102 Deep Groundwater Monitoring Well
- 937SB108 Soil Sample Location
- 937SB101 Soil and Groundwater Grab Sample Location
- 937WP01 Well Point
- 937SB108 [7.5] Sample Location [depth in feet]
- Approximate Location of Former Underground Storage Tanks (USTs)
- Approximate limits of remedial excavation in 1998
- Approximate limits of excavation in July and August 1992
- 935 Building and Number

Notes:
TPH concentrations in milligrams per kilogram (mg/kg).
BTEX concentrations in micrograms per kilogram ($\mu\text{g/kg}$).

Values in BOLD indicate a result above cleanup levels.

TPHg - Total Petroleum Hydrocarbons as Gasoline
TPHd - Total Petroleum Hydrocarbons as Diesel
TPHfo - Total Petroleum Hydrocarbons as Fuel Oil
B - Benzene
T - Toluene
E - Ethylbenzene
X - Xylenes

CLEANUP LEVELS:
Crissy Field Remedial Action Plan, Table 2-4.
Laboratory qualifiers are presented in Table 5.

Horizontal Datum: NAD 27, CA State Plane Coordinates, Zone 3, feet

BUILDING 937 SOIL CONCENTRATION MAP



Presidio Trust

34 Graham Street
P.O. Box 29052
San Francisco, CA
94129-0052
415/561-5300
fax 561-5315
March 2003

FIGURE 8

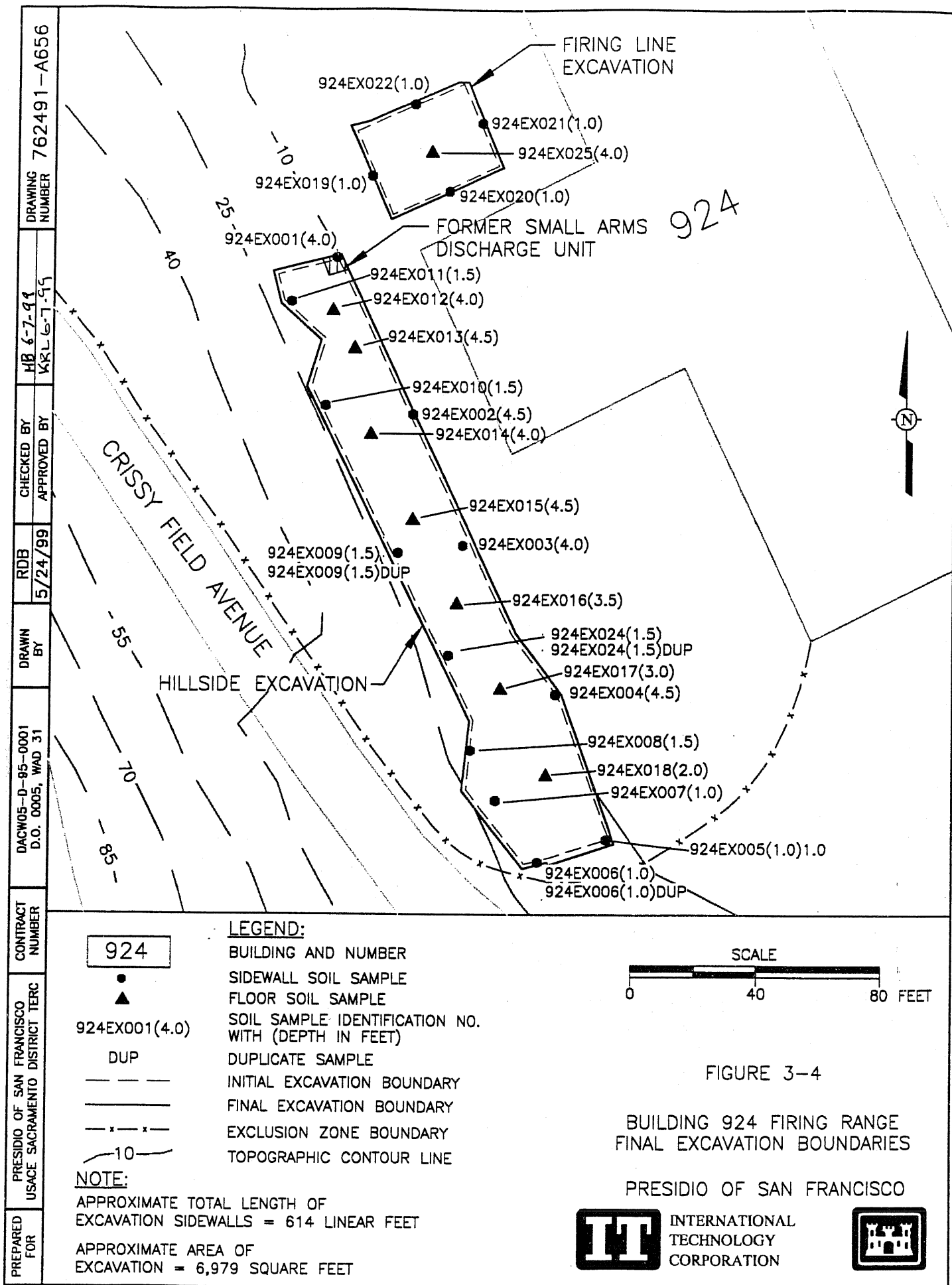
SOIL CLEANUP LEVELS

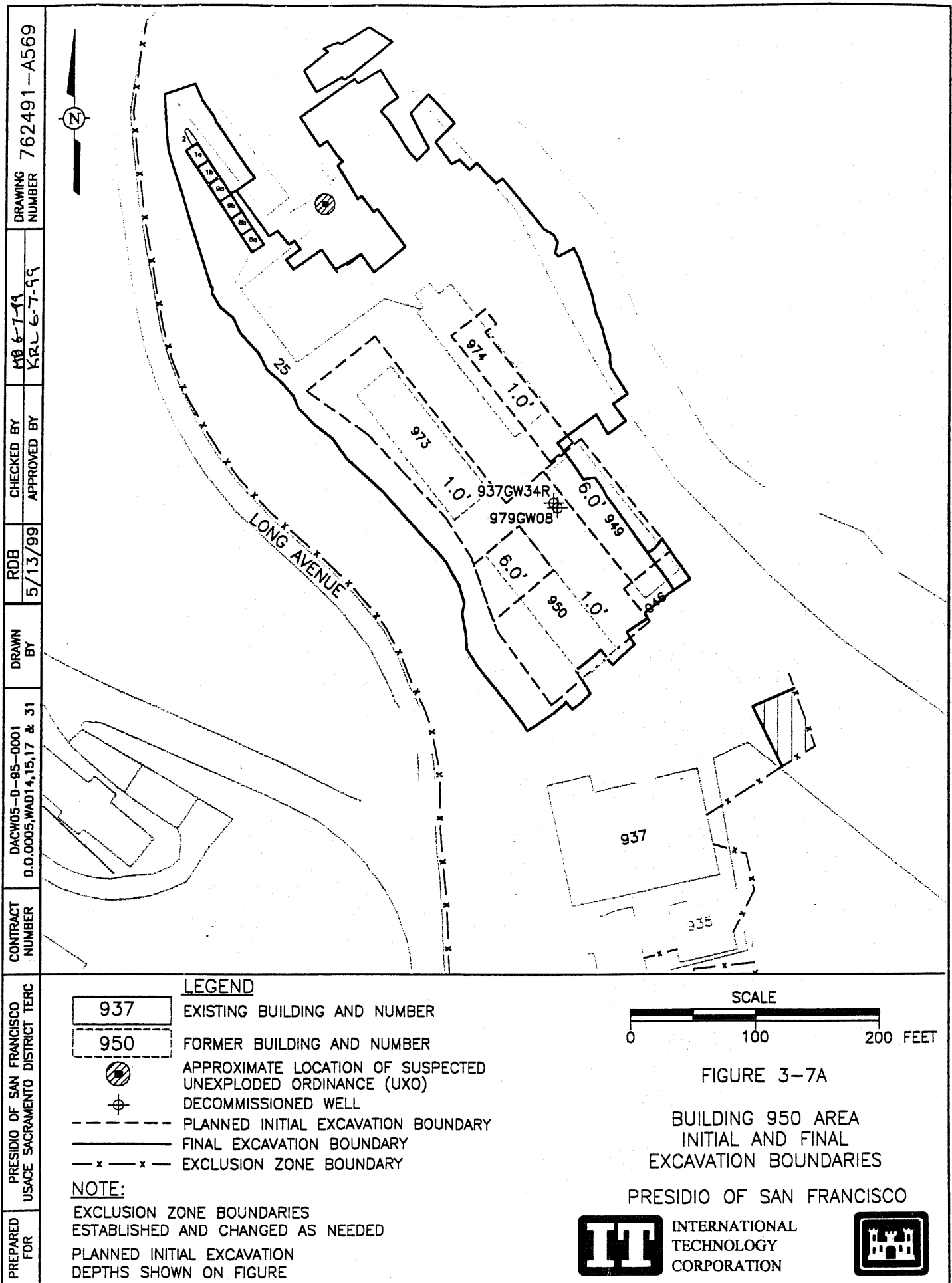
TPHg	1,690 mg/kg
TPHd	1,950 mg/kg
TPHfo	2,730 mg/kg
B	1,000 $\mu\text{g/kg}$
T	14,000 $\mu\text{g/kg}$
E	19,000 $\mu\text{g/kg}$
X	4,340,000 $\mu\text{g/kg}$

937SB102 [9.0]	[12.5]
TPHg	1,900 YH 230 YH
TPHd	450 YLH 730 YLH
TPHfo	1,500 2,700
B	<1,200 < 630
T	<1,200 < 630
E	<1,200 < 630
X	<1,200 < 630

937SB108 [7.5]	[9.0]
TPHg	870 YH < 1.3
TPHd	280 YLH 370 YLH
TPHfo	470 820
B	< 130 < 6
T	< 130 < 6
E	< 130 < 6
X	< 130 < 6

937SB101 [8.0]	[12.0]
TPHg	7,300 8,200 YH
TPHd	4,200 YLH 5,400 YLH
TPHfo	14,000 18,000
B	< 3,400 < 3,400
T	< 3,400 < 3,400
E	5,100 4,600
X	27,000 37,000





DRAWING NUMBER	762491-A569	
	MB 6-7-11	KRL 6-7-99
CHECKED BY	RDB	
APPROVED BY	5/13/99	
DRAWN BY	DACW05-D-85-0001	
CONTRACT NUMBER	D.O.0005, WAD14, 15, 17 & 31	
PRESIDIO OF SAN FRANCISCO USACE SACRAMENTO DISTRICT TERC	PREPARED FOR	

LEGEND

937 EXISTING BUILDING AND NUMBER

950 FORMER BUILDING AND NUMBER

APPROXIMATE LOCATION OF SUSPECTED UNEXPLODED ORDNANCE (UXO)

DECOMMISSIONED WELL

--- PLANNED INITIAL EXCAVATION BOUNDARY

— FINAL EXCAVATION BOUNDARY

- x - x - EXCLUSION ZONE BOUNDARY

NOTE:

EXCLUSION ZONE BOUNDARIES
ESTABLISHED AND CHANGED AS NEEDED

PLANNED INITIAL EXCAVATION
DEPTHS SHOWN ON FIGURE

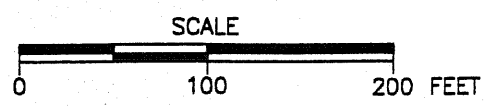


FIGURE 3-7A

BUILDING 950 AREA
INITIAL AND FINAL
EXCAVATION BOUNDARIES

PRESIDIO OF SAN FRANCISCO

IT INTERNATIONAL
TECHNOLOGY
CORPORATION

PREPARED FOR: PRESIDIO OF SAN FRANCISCO
 USACE SACRAMENTO DISTRICT TERC
 CONTRACT NUMBER: DAW05-D-95-0001
 D.O. 0005, WAD 17
 DRAWN BY: VJR
 CHECKED BY: KRL
 APPROVED BY: KRL
 DRAWING NUMBER: 6-7-97
 6-7-97
 762491-E516



- LEGEND:**
- SOIL SAMPLE
 - ▲ FLOOR SAMPLE
 - ZINC CONCENTRATION EXCEEDS RAP CLEANUP LEVELS
 - ⊕ DECOMMISSIONED WELL
 - ⊗ APPROXIMATE LOCATION OF SUSPECTED UNEXPLODED ORDNANCE (UXO)
 - 950 FORMER BUILDING AND NUMBER
 - 950EX525(8.0) SOIL SAMPLE IDENTIFICATION NO. WITH (DEPTH IN FEET)
 - +DUP INCLUDING DUPLICATE SAMPLE
 - ▨ PROMENADE LOCATION
 - EXCAVATED TO GROUNDWATER
 - x - x - EXCLUSION ZONE BOUNDARY

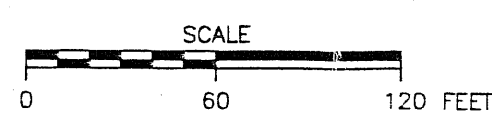
NOTE:

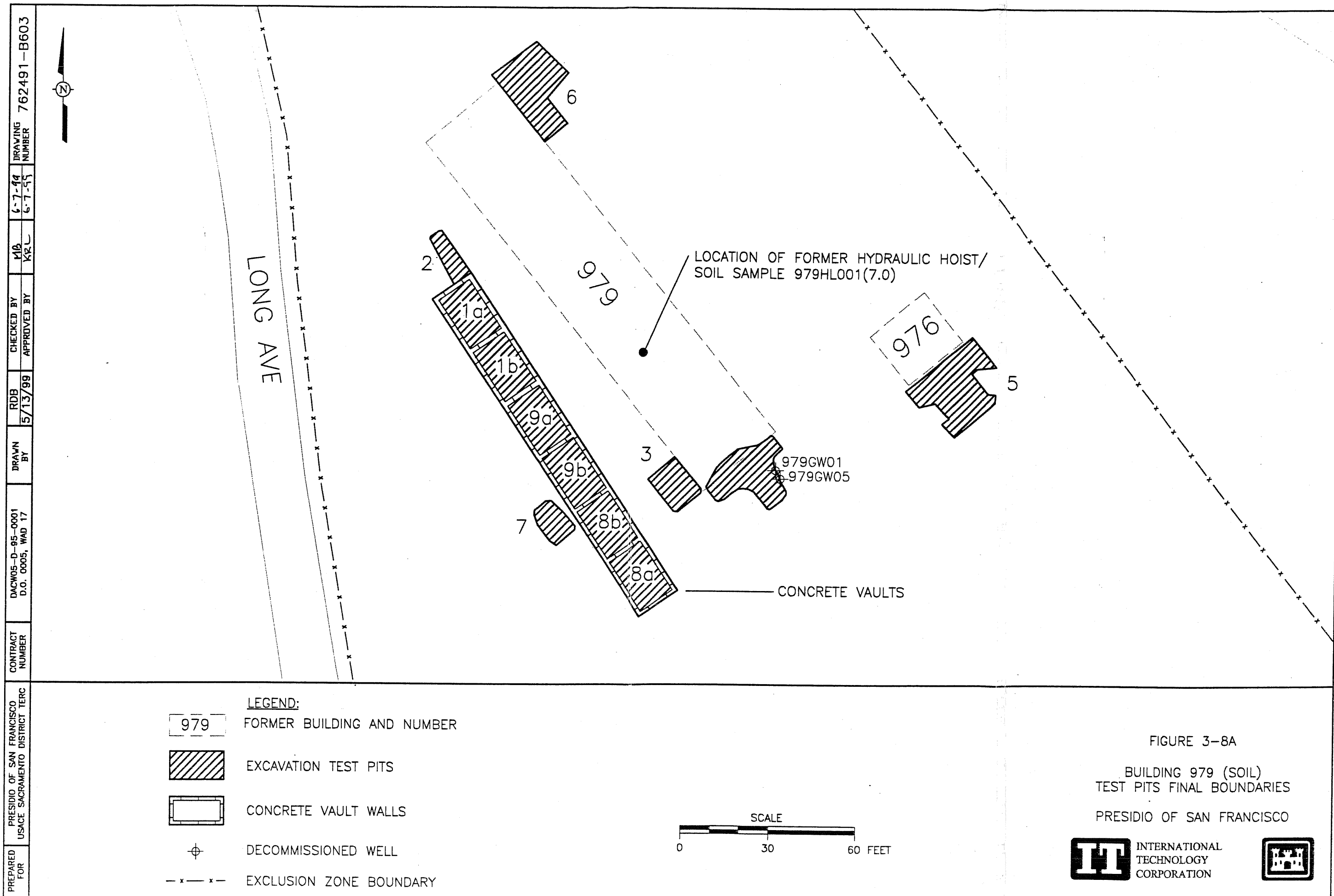
EXCLUSION ZONE BOUNDARIES ESTABLISHED AND CHANGED AS NEEDED

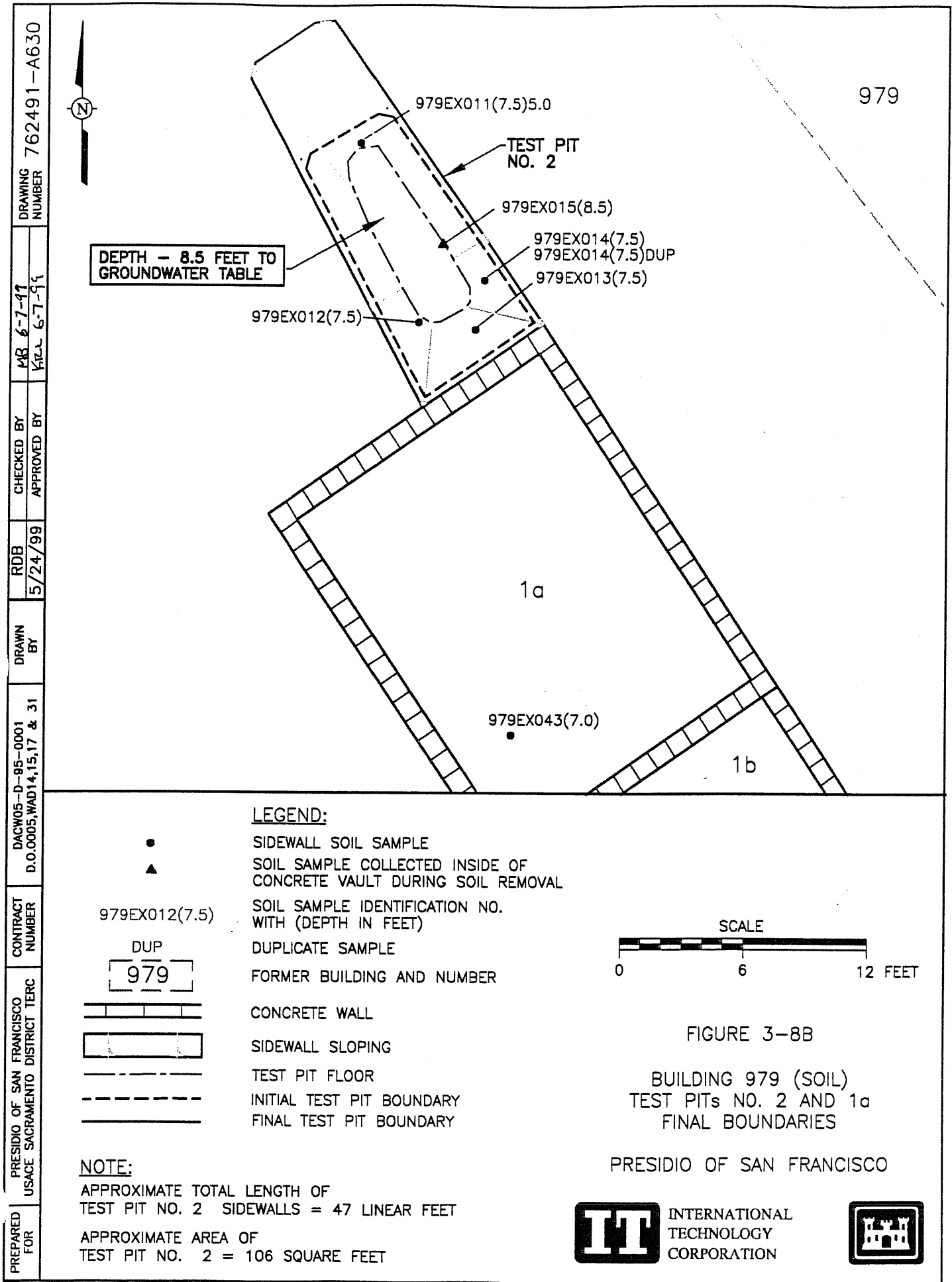
APPROXIMATE TOTAL LENGTH OF EXCAVATION SIDEWALLS = 3,200 LINEAR FEET

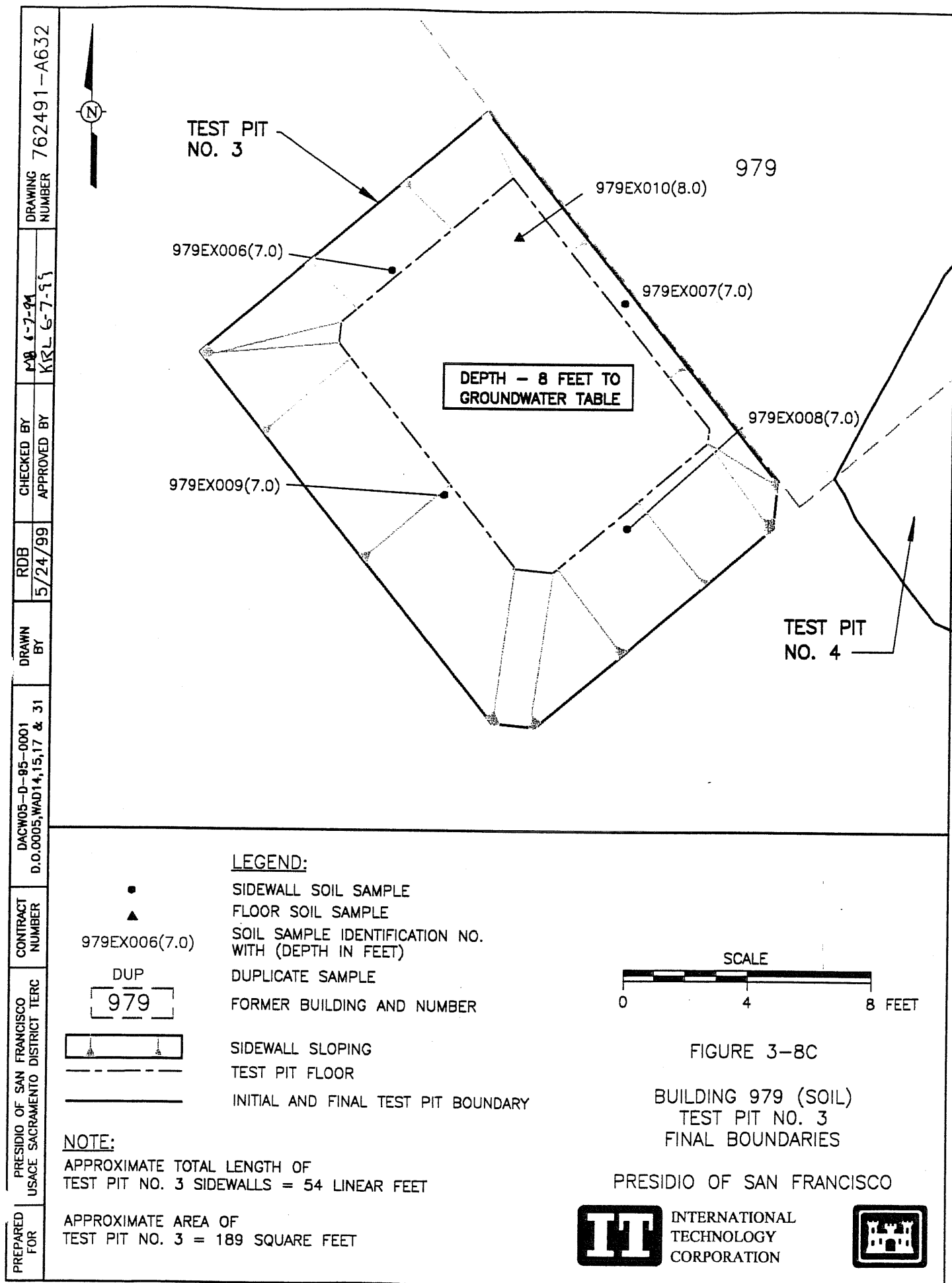
APPROXIMATE AREA OF EXCAVATION = 168,480 SQUARE FEET

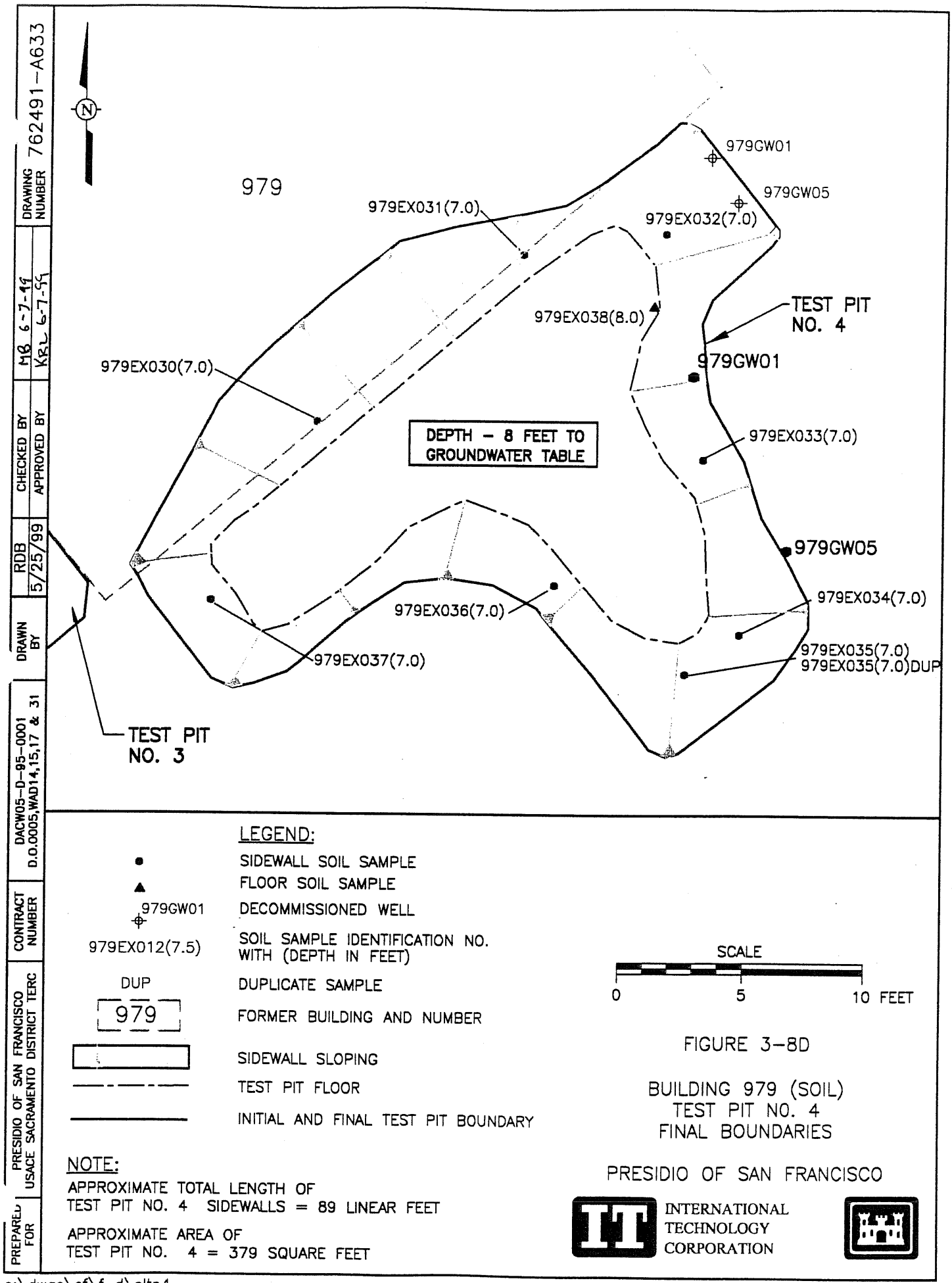
FIGURE 3-7B
 BUILDING 950 AREA
 FINAL EXCAVATION BOUNDARIES
 PRESIDIO OF SAN FRANCISCO











DRAWING NUMBER 762491-A633
 M8 6-7-99
 KRL 6-7-99
 CHECKED BY
 APPROVED BY
 RDB 5/25/99
 DRAWN BY
 DACW05-D-85-0001
 D.O.0005,WAD14,15,17 & 31
 CONTRACT NUMBER
 PRESIDIO OF SAN FRANCISCO
 USACE SACRAMENTO DISTRICT TERC
 PREPARED FOR

- LEGEND:**
- SIDEWALL SOIL SAMPLE
 - ▲ FLOOR SOIL SAMPLE
 - ⊕ 979GW01 DECOMMISSIONED WELL
 - 979EX012(7.5) SOIL SAMPLE IDENTIFICATION NO. WITH (DEPTH IN FEET)
 - DUP DUPLICATE SAMPLE
 - 979 FORMER BUILDING AND NUMBER
 - [] SIDEWALL SLOPING
 - - - TEST PIT FLOOR
 - INITIAL AND FINAL TEST PIT BOUNDARY

NOTE:

APPROXIMATE TOTAL LENGTH OF TEST PIT NO. 4 SIDEWALLS = 89 LINEAR FEET

APPROXIMATE AREA OF TEST PIT NO. 4 = 379 SQUARE FEET

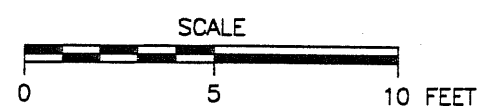
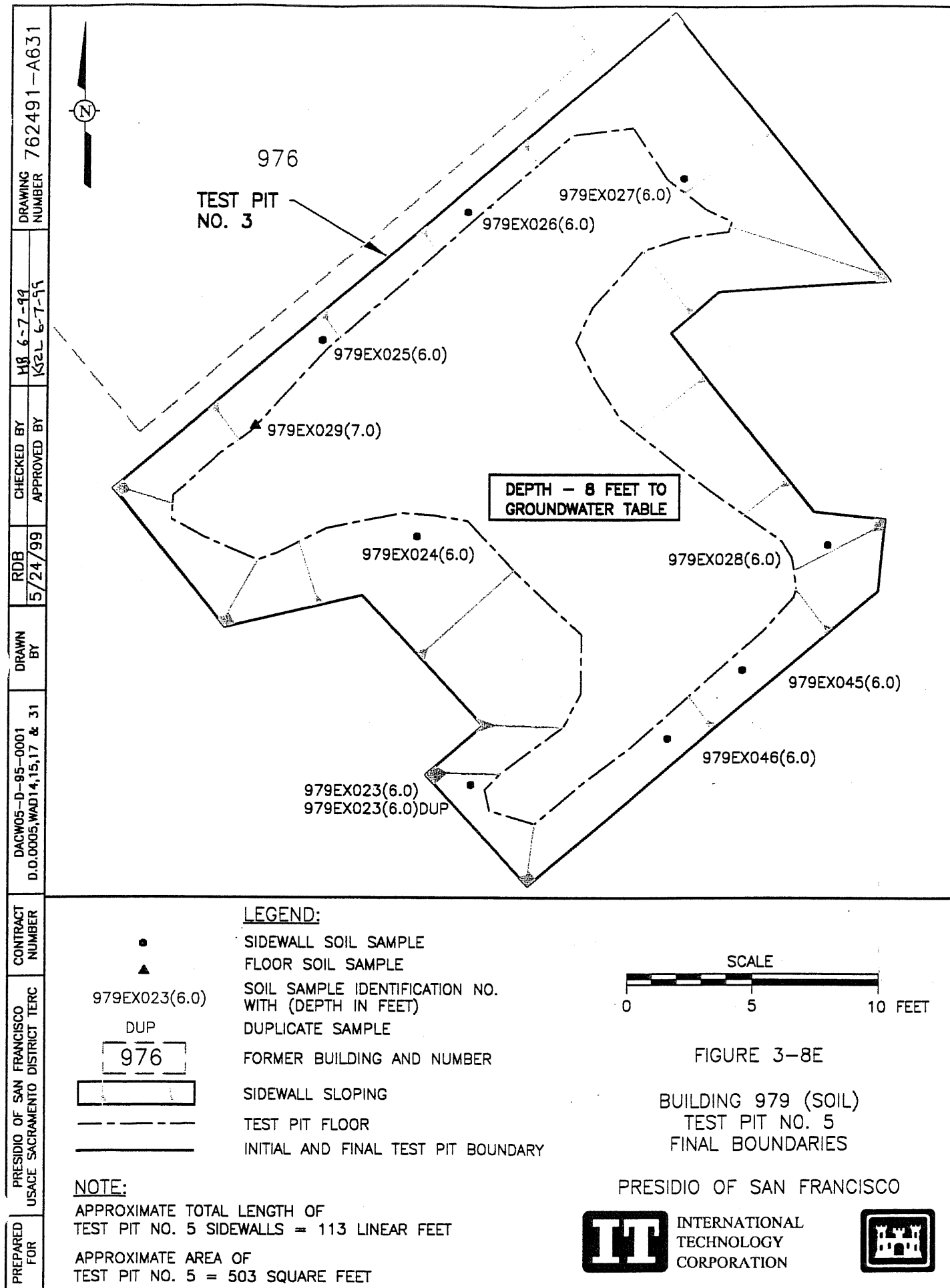
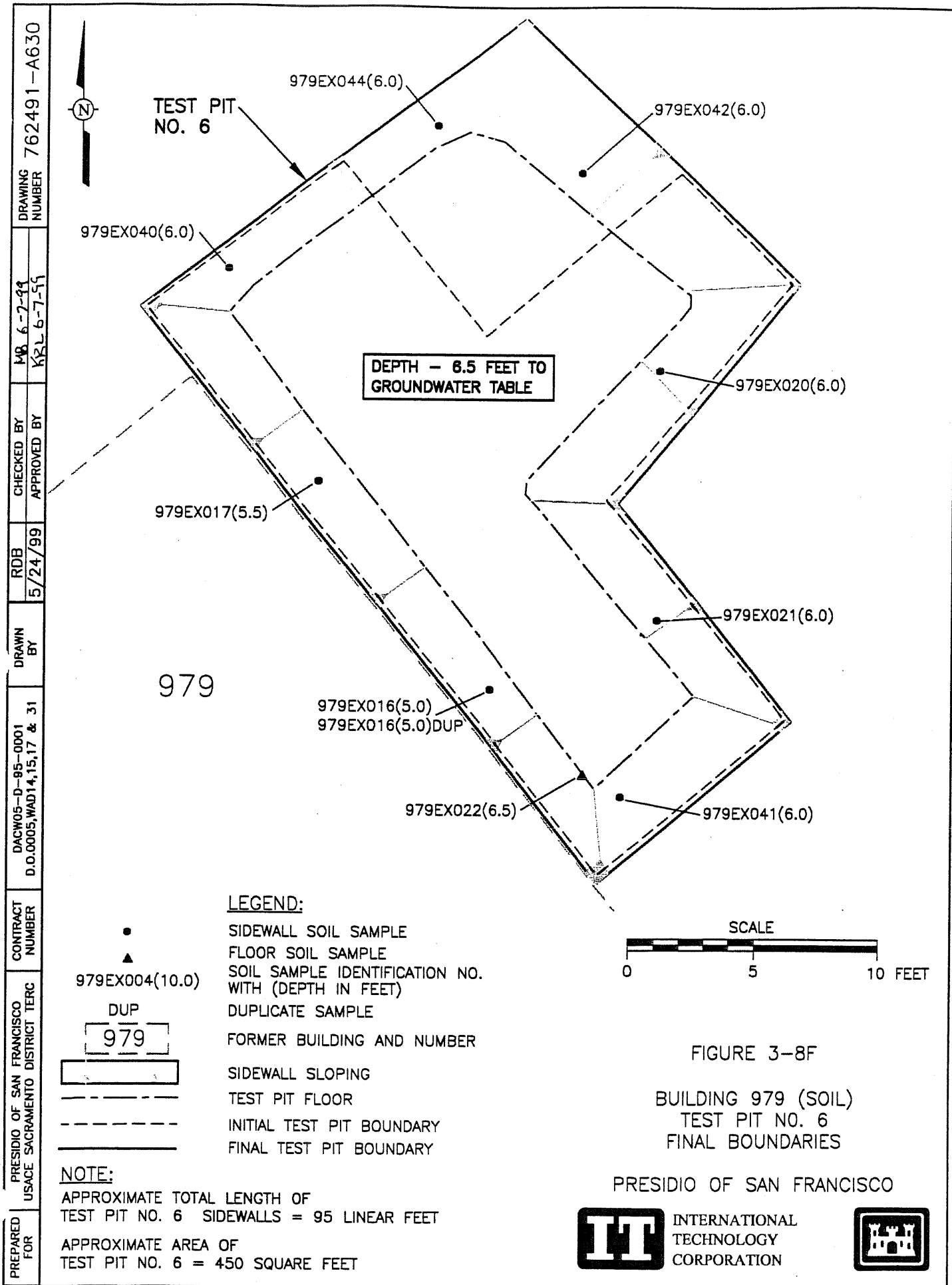
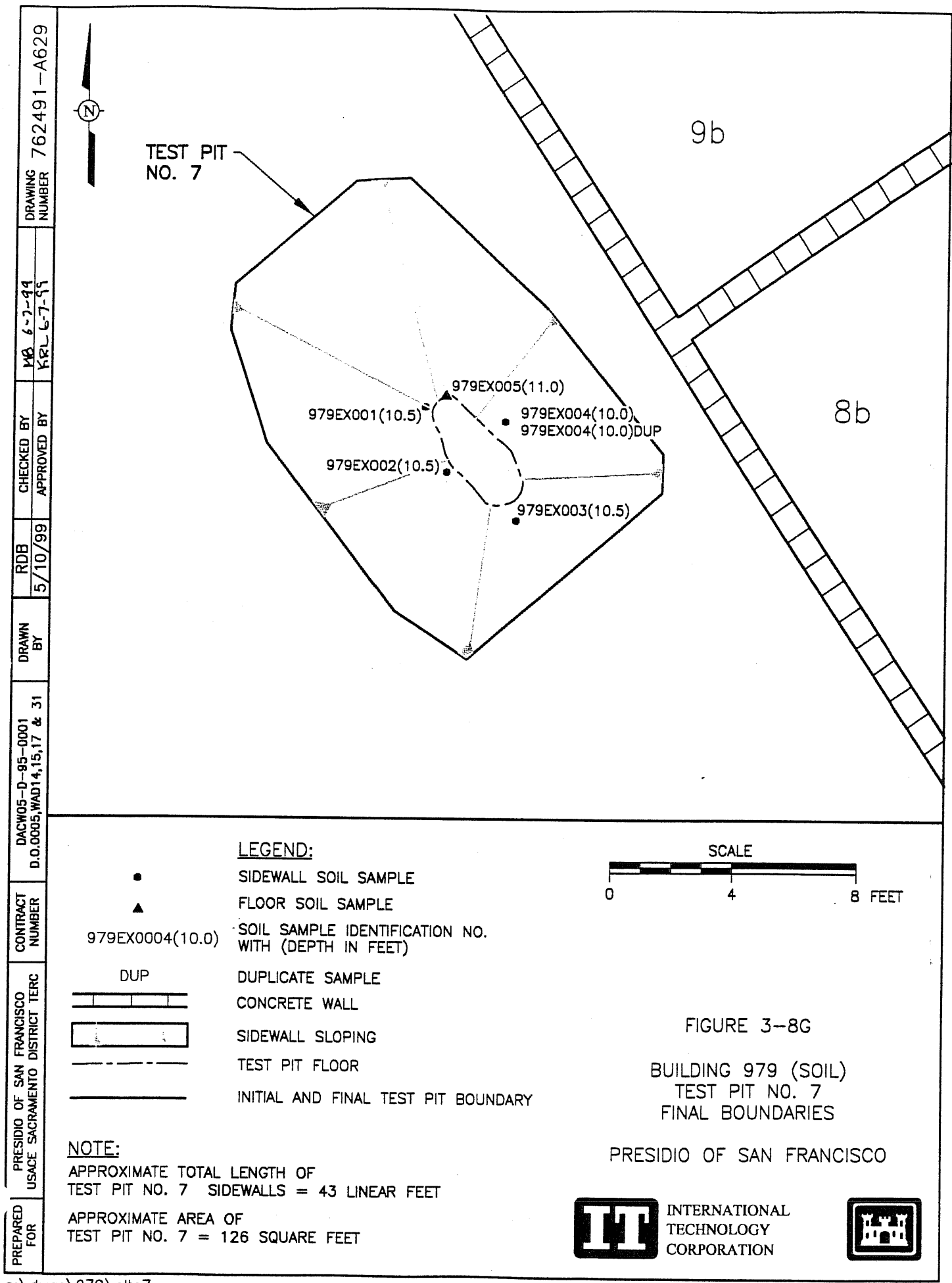


FIGURE 3-8D
 BUILDING 979 (SOIL)
 TEST PIT NO. 4
 FINAL BOUNDARIES







TEST PIT
NO. 7

9b

8b

979EX001(10.5)
979EX002(10.5)
979EX003(10.5)
979EX004(10.0)
979EX004(10.0)DUP
979EX005(11.0)

LEGEND:

- SIDEWALL SOIL SAMPLE
- ▲ FLOOR SOIL SAMPLE
- 979EX0004(10.0) SOIL SAMPLE IDENTIFICATION NO. WITH (DEPTH IN FEET)
- DUP DUPLICATE SAMPLE
- CONCRETE WALL
- SIDEWALL SLOPING
- TEST PIT FLOOR
- INITIAL AND FINAL TEST PIT BOUNDARY

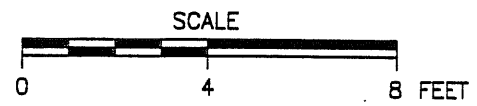


FIGURE 3-8G

BUILDING 979 (SOIL)
TEST PIT NO. 7
FINAL BOUNDARIES

PRESIDIO OF SAN FRANCISCO

NOTE:





APPROXIMATE TOTAL LENGTH OF
TEST PIT NO. 7 SIDEWALLS = 43 LINEAR FEET

APPROXIMATE AREA OF
TEST PIT NO. 7 = 126 SQUARE FEET

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SAN FRANCISCO BAY

-  Segment of storm drain grouted in-place
-  Storm drain removed
-  E1 Sediment sample location
-  Archaeological Resource Area

Storm Dr

E

30-inch te
E/7

Storm Drain

F

36-inch concrete
F/8

BEACH

RESTORED

F1

OLD

MA

MASON

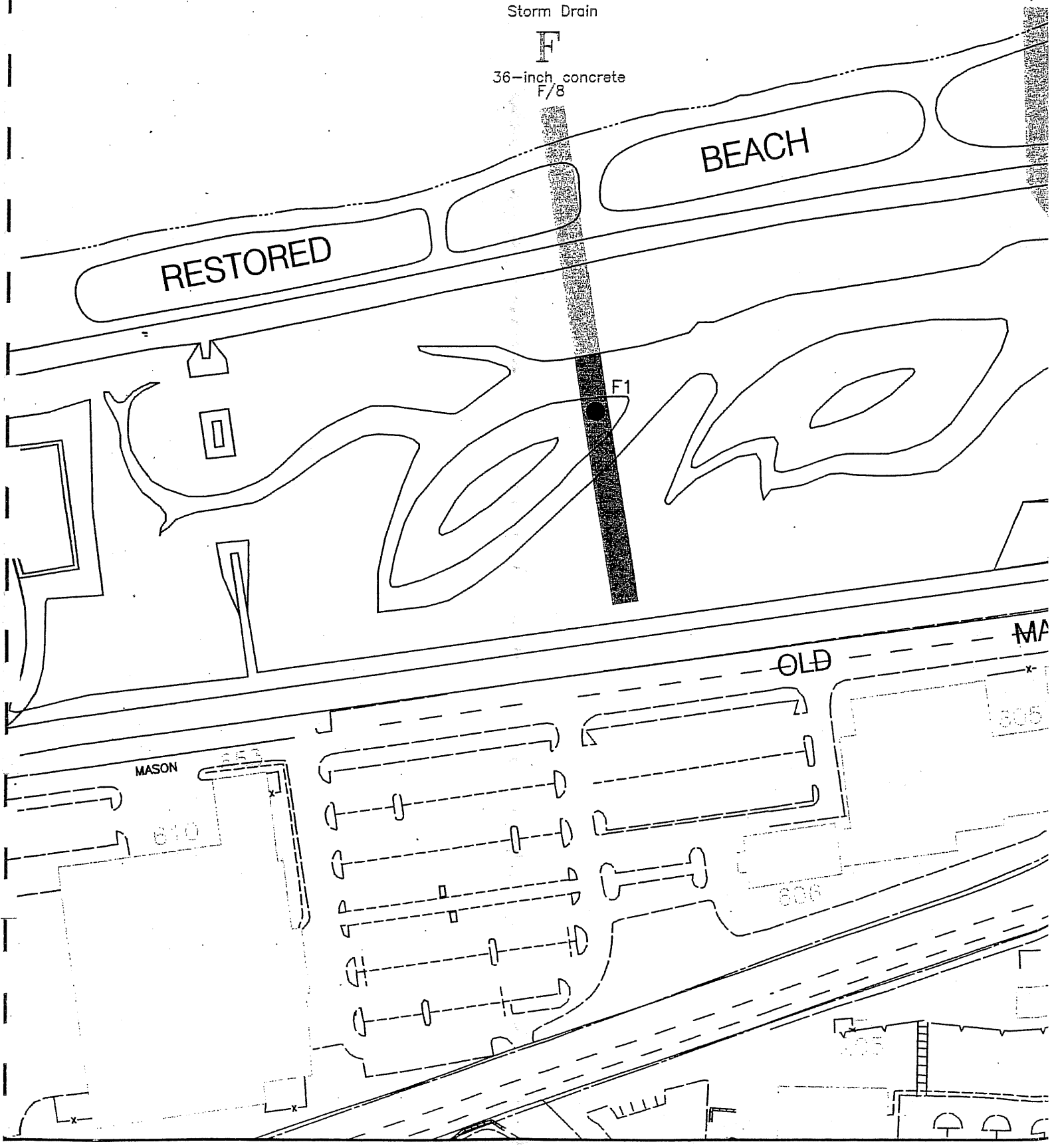
610

653

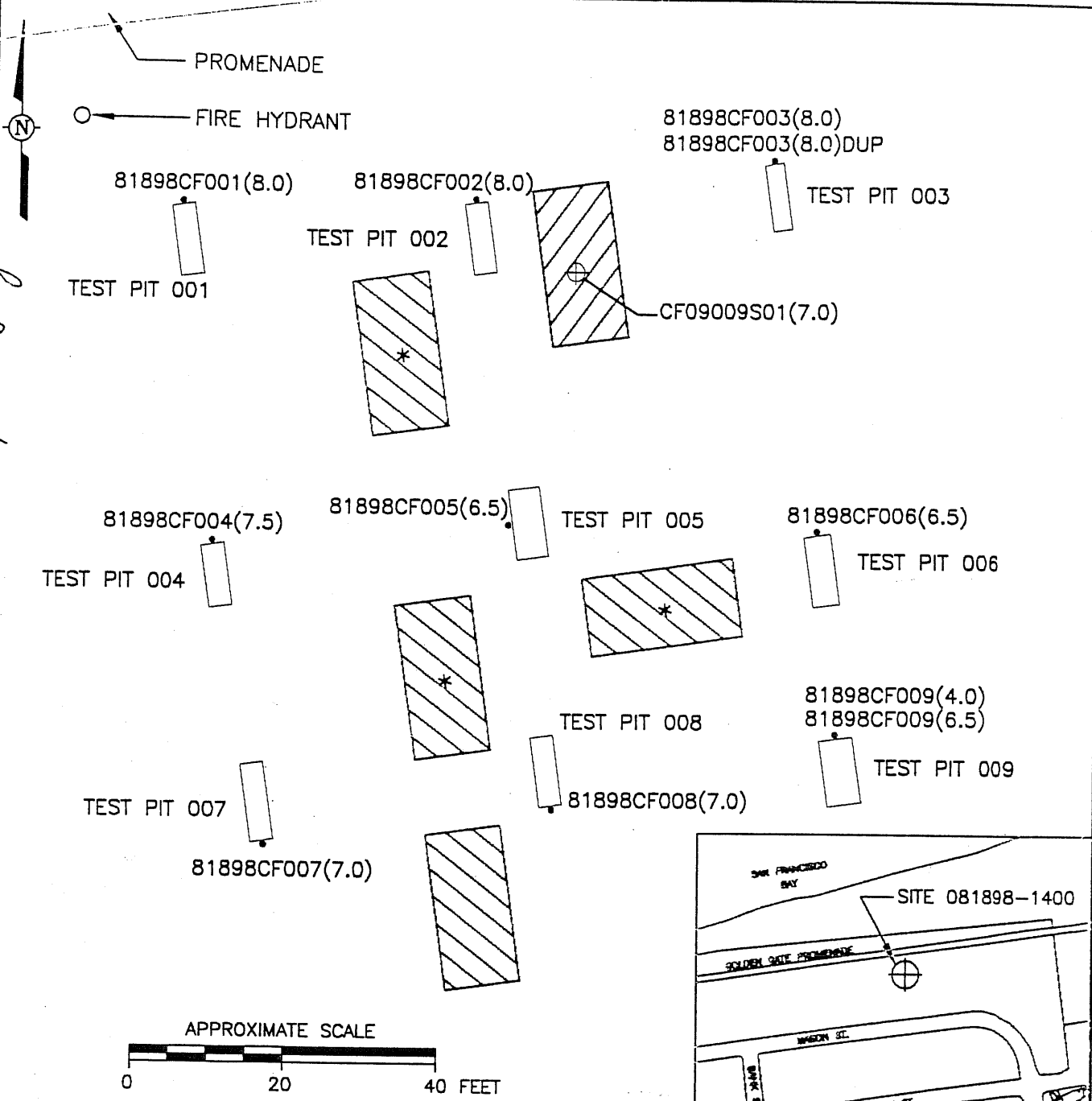
606

305

205



DRAWING NUMBER 762491-A632
 3-11
 CHECKED BY
 APPROVED BY
 RDB 3/3/99
 DRAWN BY
 DACW05-D-95-0001
 D.O. 0005, WAD 33
 CONTRACT NUMBER
 PRESIDIO OF SAN FRANCISCO
 USACE SACRAMENTO DISTRICT TERC
 PREPARED FOR



- LEGEND:**
- APPROXIMATE LOCATION OF GGNPA TEST PITS (ASTERISK DENOTES PITS WHERE ODORS WERE INITIALLY OBSERVED)
 - APPROXIMATE LOCATION OF DISCOVERY EVALUATION TEST PIT
 - LOCATION OF INVESTIGATION TEST PITS
 - SOIL SAMPLE LOCATION
 - APPROXIMATE LOCATION OF DISCOVERY EVALUATION SAMPLE

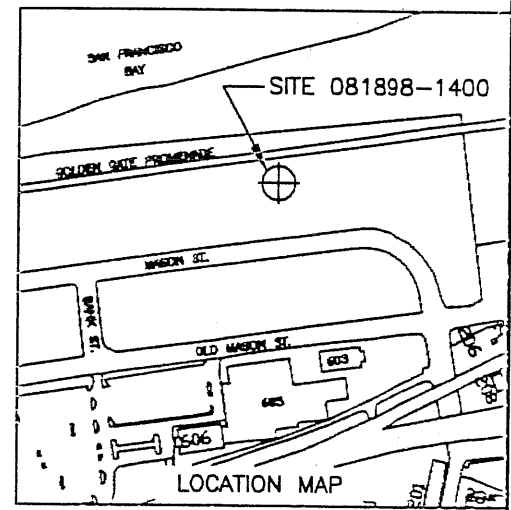


FIGURE A1-1
 TEST PIT LOCATIONS
 CRISSY FIELD CONTINGENCY ACTION
 SITE 081898-1400

DRAWING NUMBER 762491-A631

3.3.11
P. J. C. L.

CHECKED BY
APPROVED BY

RDB
3/3/99

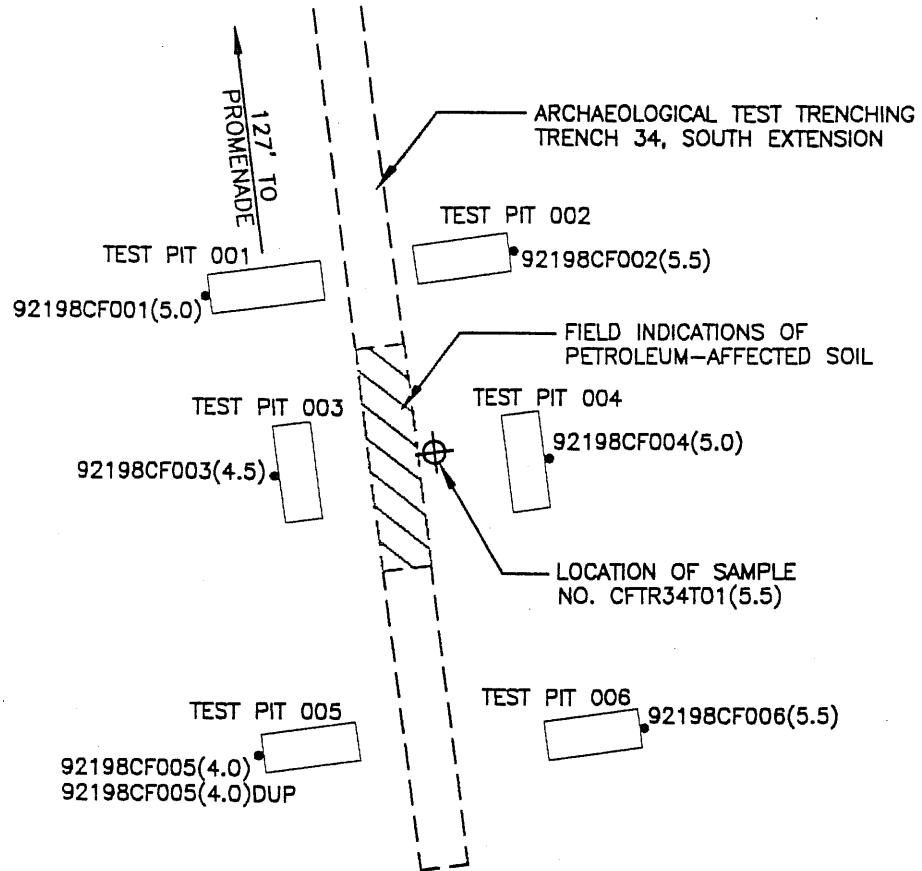
DRAWN BY

DACW05-D-95-0001
D.O. 0005, WAD 33

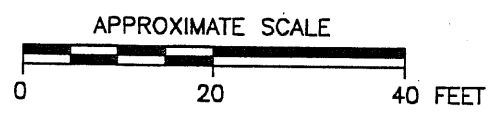
CONTRACT NUMBER

PRESIDIO OF SAN FRANCISCO
USACE SACRAMENTO DISTRICT TERC

PREPARED FOR



MASON ST.



LEGEND:

- LOCATION OF INVESTIGATION TEST PITS
- SOIL SAMPLE LOCATION
- APPROXIMATE LOCATION OF GGNPA ARCHAEOLOGICAL TRENCH
- APPROXIMATE LOCATION OF DISCOVERY EVALUATION SAMPLE NO. CFTR34T01 (5.5)

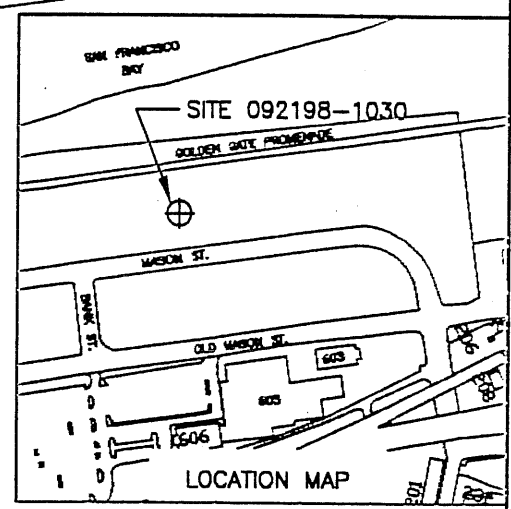


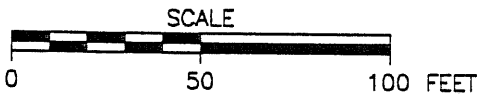
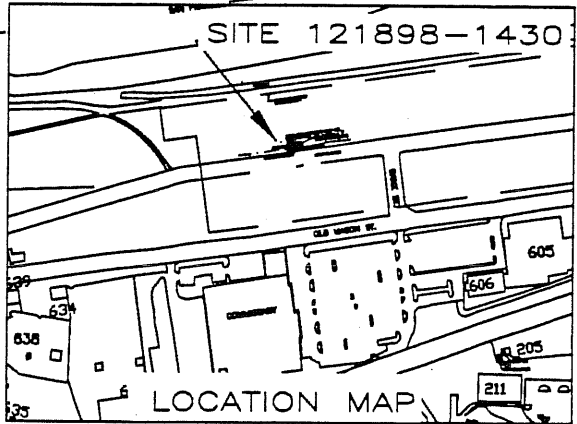
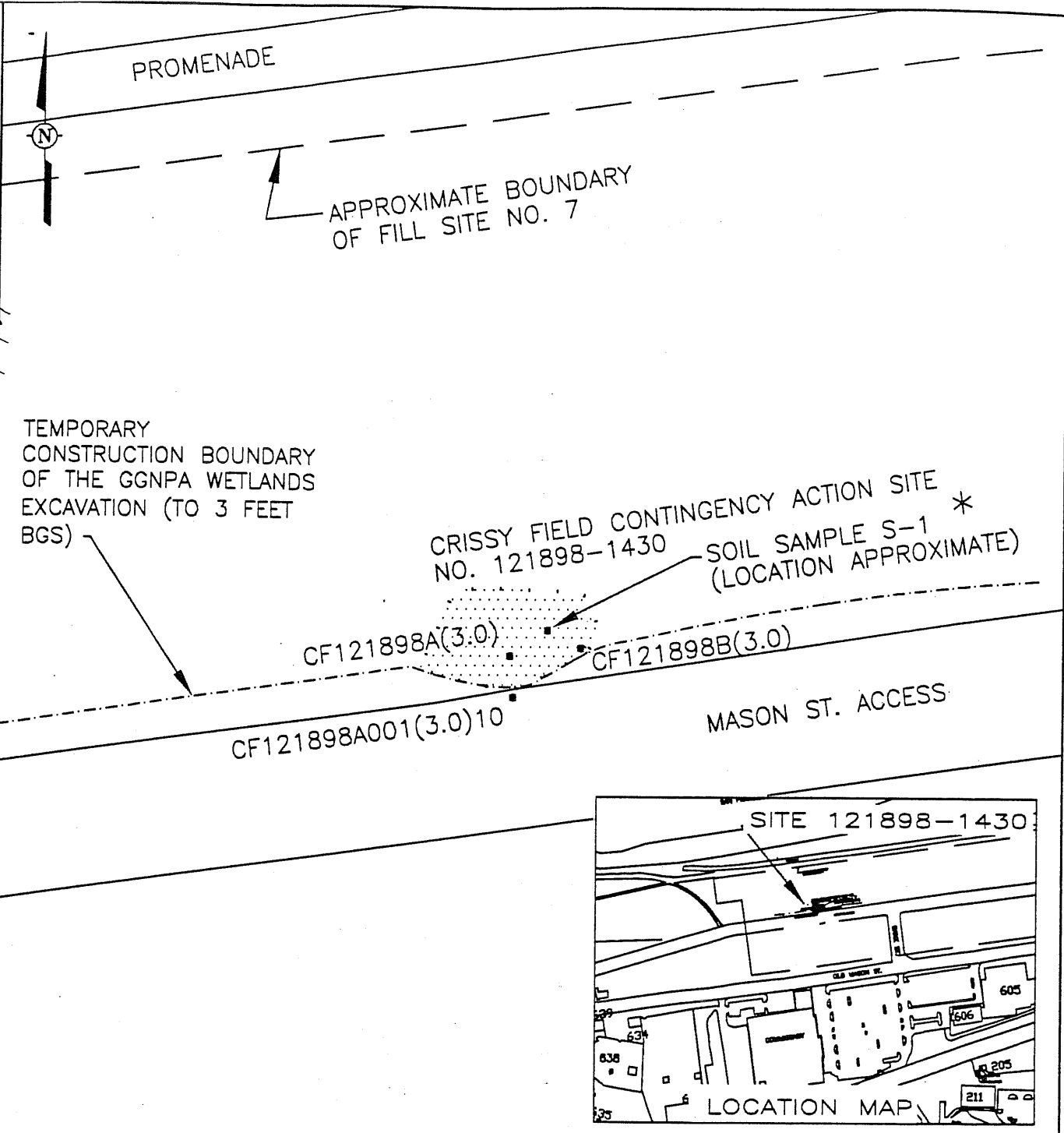
FIGURE A2-1

TEST PIT LOCATIONS
CRISSY FIELD CONTINGENCY ACTION
SITE 092198-1030

PRESIDIO OF SAN FRANCISCO



DRAWING NUMBER 762491-A660
 VJL 3/12/99
 10/2 2/18/99
 CHECKED BY
 APPROVED BY
 VJR 3/10/99
 DRAWN BY
 DACW05-D-95-0001
 D.O.0005,WAD 33
 CONTRACT NUMBER
 PRESIDIO OF SAN FRANCISCO
 USAGE SACRAMENTO DISTRICT TERC
 PREPARED FOR



- LEGEND:**
- REMEDIAL EXCAVATION AREA (TO 4 FEET BGS; DOTTED LINE INDICATES EXCAVATION SURFACE AT GROUNDWATER DEPTH DURING HIGH TIDE)
 - CF121898A(3.0) SOIL SAMPLE LOCATION SHOWING DEPTH (FEET BELOW GROUND SURFACE)

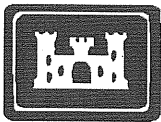
NOTE:
 SOIL SAMPLE S-1 WAS COLLECTED ON DEC. 18, 1998, BY ERLER & KALINOWSKI, INC. AT AN APPROXIMATE DEPTH OF 3 FEET BGS.

FIGURE A3-1
 SOIL SAMPLE LOCATIONS
 CONTINGENCY ACTION
 SITE 121898-1430
 PRESIDIO OF SAN FRANCISCO



APPENDIX C

DATA FROM CRISSY FIELD RAP SITES



**U.S. Army Corps of Engineers
Sacramento District**

***SOIL REMEDIATION CLOSURE REPORT
CRISSY FIELD AREA
PRESIDIO OF SAN FRANCISCO, CALIFORNIA***

June 1999

***Sacramento TERC
Contract No. DACW05-95-D-0001***



**INTERNATIONAL
TECHNOLOGY
CORPORATION**

Table A - 3
Building 640/643
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 1 of 4)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
640EX001(4.0) ^d	08/19/98	Cadmium	0.34	3.99	UJ	
640EX001(4.0)	08/19/98	Lead	7.7	477	J	
640EX001(4.0)	08/19/98	Silver	1.1	2	U	
640EX001(4.0)	08/19/98	Zinc	30	89		
640EX002(3.0)	08/13/98	Cadmium	0.33	3.99	U	
640EX002(3.0)	08/13/98	Lead	41.1	477		
640EX002(3.0)	08/13/98	Silver	1.1	2	U	
640EX002(3.0)	08/13/98	Zinc	61	89		
640EX003(3.0)	08/13/98	Cadmium	0.22	3.99	J	
640EX003(3.0)	08/13/98	Lead	50.5	477		
640EX003(3.0)	08/13/98	Silver	1.1	2	U	
640EX003(3.0)	08/13/98	Zinc	83.9	89		
640EX004(3.0)	08/13/98	Cadmium	0.32	3.99	U	
640EX004(3.0)	08/13/98	Lead	49.9	477		
640EX004(3.0)	08/13/98	Silver	1.1	2	U	
640EX004(3.0)	08/13/98	Zinc	60.2	89		
640EX005(3.0)	08/13/98	Cadmium	0.33	3.99	U	
640EX005(3.0)	08/13/98	Lead	58.9	477		
640EX005(3.0)	08/13/98	Silver	1.1	2	U	
640EX005(3.0)	08/13/98	Zinc	54.7	89		
640EX006(1.0)	07/24/98	Cadmium	0.34	3.99	U	
640EX006(1.0)	07/24/98	Lead	12.3	477	J	
640EX006(1.0)	07/24/98	Silver	1.1	2	U	
640EX006(1.0)	07/24/98	Zinc	44.1	89		
640EX008(3.0)	08/13/98	Cadmium	0.33	3.99	U	
640EX008(3.0)	08/13/98	Lead	32.3	477		
640EX008(3.0)	08/13/98	Silver	1.1	2	U	
640EX008(3.0)	08/13/98	Zinc	60.3	89		
640EX008(3.0)DUP ^e	08/13/98	Cadmium	0.33	3.99	U	640DUP081398A ^f
640EX008(3.0)DUP	08/13/98	Lead	30.7	477		640DUP081398A
640EX008(3.0)DUP	08/13/98	Silver	1.1	2	U	640DUP081398A
640EX008(3.0)DUP	08/13/98	Zinc	55.1	89		640DUP081398A
640EX009(3.0)	08/14/98	Cadmium	0.33	3.99	U	
640EX009(3.0)	08/14/98	Lead	37.8	477		
640EX009(3.0)	08/14/98	Silver	1.1	2	U	
640EX009(3.0)	08/14/98	Zinc	66.5	89		
640EX010(0.5)2.0	10/07/98	Cadmium	0.35	3.99	UJ	
640EX010(0.5)2.0	10/07/98	Lead	16	477	J	
640EX010(0.5)2.0	10/07/98	Silver	1.2	2	UJ	
640EX010(0.5)2.0	10/07/98	Zinc	57	89		

Table A - 3
Building 640/643
Verification Analytical Results for Soil
Crissy-Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 2 of 4)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
640EX011(3.5)	08/19/98	Cadmium	0.31	3.99	UJ	
640EX011(3.5)	08/19/98	Lead	10	477	UJ	
640EX011(3.5)	08/19/98	Silver	1	2	U	
640EX011(3.5)	08/19/98	Zinc	15	89		
640EX012(1.0)	07/31/98	Cadmium	0.34	3.99	U	
640EX012(1.0)	07/31/98	Lead	9.8	477	J	
640EX012(1.0)	07/31/98	Silver	1.1	2	U	
640EX012(1.0)	07/31/98	Zinc	49.5	89	J	
640EX013(1.5)	08/19/98	Cadmium	0.33	3.99	UJ	
640EX013(1.5)	08/19/98	Lead	8.6	477	J	
640EX013(1.5)	08/19/98	Silver	1.1	2	U	
640EX013(1.5)	08/19/98	Zinc	34	89		
640EX014(0.5)	07/31/98	Cadmium	0.34	3.99	UJ	
640EX014(0.5)	07/31/98	Lead	7.6	477	J	
640EX014(0.5)	07/31/98	Silver	1.1	2	U	
640EX014(0.5)	07/31/98	Zinc	34	89		
640EX015(3.0)	08/19/98	Cadmium	0.32	3.99	UJ	
640EX015(3.0)	08/19/98	Lead	11	477	UJ	
640EX015(3.0)	08/19/98	Silver	1.1	2	U	
640EX015(3.0)	08/19/98	Zinc	38	89		
640EX016(1.5)2.0	09/14/98	Cadmium	0.34	3.99	U	
640EX016(1.5)2.0	09/14/98	Lead	11	477	U	
640EX016(1.5)2.0	09/14/98	Silver	1.1	2	U	
640EX016(1.5)2.0	09/14/98	Zinc	37	89		
640EX017(3.0)	07/31/98	Cadmium	0.34	3.99	U	
640EX017(3.0)	07/31/98	Lead	16.5	477	J	
640EX017(3.0)	07/31/98	Silver	1.1	2	U	
640EX017(3.0)	07/31/98	Zinc	43.2	89	J	
640EX018(1.5)	08/19/98	Cadmium	0.33	3.99	UJ	
640EX018(1.5)	08/19/98	Lead	11	477	UJ	
640EX018(1.5)	08/19/98	Silver	1.1	2	U	
640EX018(1.5)	08/19/98	Zinc	24	89		
640EX018(1.5)DUP	08/19/98	Cadmium	0.33	3.99	UJ	640DUP081998A
640EX018(1.5)DUP	08/19/98	Lead	11	477	UJ	640DUP081998A
640EX018(1.5)DUP	08/19/98	Silver	1.1	2	U	640DUP081998A
640EX018(1.5)DUP	08/19/98	Zinc	24	89		640DUP081998A
640EX019(1.5)	08/19/98	Cadmium	0.32	3.99	UJ	
640EX019(1.5)	08/19/98	Lead	11	477	UJ	
640EX019(1.5)	08/19/98	Silver	1.1	2	U	
640EX019(1.5)	08/19/98	Zinc	29	89		

Table A - 3
Building 640/643
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 3 of 4)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
640EX020(1.5)5.0	09/14/98	Cadmium	0.32	3.99	U	
640EX020(1.5)5.0	09/14/98	Lead	11	477	U	
640EX020(1.5)5.0	09/14/98	Silver	1.1	2	U	
640EX020(1.5)5.0	09/14/98	Zinc	27	89		
640EX021(1.5)	08/19/98	Cadmium	0.35	3.99	UJ	
640EX021(1.5)	08/19/98	Lead	12	477	UJ	
640EX021(1.5)	08/19/98	Silver	1.2	2	U	
640EX021(1.5)	08/19/98	Zinc	29	89		
640EX022(1.5)	08/19/98	Cadmium	0.33	3.99	UJ	
640EX022(1.5)	08/19/98	Lead	16	477		
640EX022(1.5)	08/19/98	Silver	1.1	2	U	
640EX022(1.5)	08/19/98	Zinc	39	89		
640EX023(3.0)	08/19/98	Cadmium	0.35	3.99	UJ	
640EX023(3.0)	08/19/98	Lead	16	477		
640EX023(3.0)	08/19/98	Silver	1.2	2	U	
640EX023(3.0)	08/19/98	Zinc	37	89		
640EX024(2.0)	09/29/98	Cadmium	0.33	3.99	U	
640EX024(2.0)	09/29/98	Lead	51	477		
640EX024(2.0)	09/29/98	Silver	1.1	2	U	
640EX024(2.0)	09/29/98	Zinc	62	89		
640EX025(2.0)2.0	10/16/98	Cadmium	0.65	3.99		
640EX025(2.0)2.0	10/16/98	Lead	290	477		
640EX025(2.0)2.0	10/16/98	Silver	1	2	U	
640EX025(2.0)2.0	10/16/98	Zinc	110	89		exceeds cleanup level
640EX026(5.0)	09/29/98	Cadmium	0.34	3.99	U	
640EX026(5.0)	09/29/98	Lead	6.2	477	J	
640EX026(5.0)	09/29/98	Silver	1.1	2	U	
640EX026(5.0)	09/29/98	Zinc	38	89		
640EX027(2.0)	09/29/98	Cadmium	0.33	3.99	U	
640EX027(2.0)	09/29/98	Lead	26	477		
640EX027(2.0)	09/29/98	Silver	1.1	2	U	
640EX027(2.0)	09/29/98	Zinc	60	89		
640EX028(3.5)	09/29/98	Cadmium	0.31	3.99	UJ	
640EX028(3.5)	09/29/98	Lead	10	477	U	
640EX028(3.5)	09/29/98	Silver	1	2	U	
640EX028(3.5)	09/29/98	Zinc	14	89		
640EX029(4.0)	10/07/98	Cadmium	0.31	3.99	UJ	
640EX029(4.0)	10/07/98	Lead	10	477	UJ	
640EX029(4.0)	10/07/98	Silver	1	2	UJ	
640EX029(4.0)	10/07/98	Zinc	14	89		

Table A - 3
Building 640/643
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 4 of 4)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
640EX029(4.0)DUP	10/07/98	Cadmium	0.31	3.99	UJ	640DUP100798A
640EX029(4.0)DUP	10/07/98	Lead	11	477	J	640DUP100798A
640EX029(4.0)DUP	10/07/98	Silver	1	2	UJ	640DUP100798A
640EX029(4.0)DUP	10/07/98	Zinc	24	89		640DUP100798A
640EX031(2.0)2.0	10/16/98	Cadmium	0.34	3.99	U	
640EX031(2.0)2.0	10/16/98	Lead	31	477		
640EX031(2.0)2.0	10/16/98	Silver	1.1	2	U	
640EX031(2.0)2.0	10/16/98	Zinc	180	89		exceeds cleanup level
640EX032(2.0)10A ^g	10/13/98	Cadmium	0.35	3.99	U	
640EX032(2.0)10A	10/13/98	Lead	26	477		
640EX032(2.0)10A	10/13/98	Silver	1.2	2	U	
640EX032(2.0)10A	10/13/98	Zinc	88	89		
640EX033(3.5)	09/29/98	Cadmium	0.32	3.99	U	
640EX033(3.5)	09/29/98	Lead	8.1	477	J	
640EX033(3.5)	09/29/98	Silver	1.1	2	U	
640EX033(3.5)	09/29/98	Zinc	52	89		
640EX034(2.0)	10/16/98	Cadmium	0.33	3.99	U	
640EX034(2.0)	10/16/98	Lead	9.6	477	J	
640EX034(2.0)	10/16/98	Silver	1.1	2	U	
640EX034(2.0)	10/16/98	Zinc	35	89		

^a milligrams per kilogram

^b Soil cleanup levels established in the *Final Remedial Action Plan, Crissy Field Area* (Army, 1998)

^c Qualifiers

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification"

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified", and the associated numerical value represents its approximate concentration.

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately measure the analyte in the sample.

R - The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

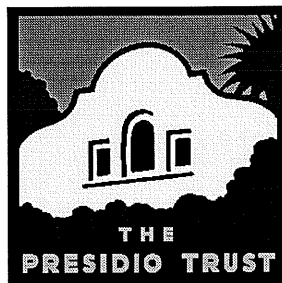
^d Depth of sample in feet below original ground surface is in parentheses

^e duplicate sample

^f Sample identification number as it appears on chain-of-custody forms

^g "A" in sample number denotes a resample

Checked by: NB 6-2-99
Approved by: Cj Rodriguez 6/2/99



DRAFT
BUILDING 900s AREA CONSTRUCTION COMPLETION REPORT

Prepared for:

The Presidio Trust
34 Graham Street, P.O.
Box 29052
San Francisco, CA 94129-0052
415/561-5300 fax (415) 561-5315

March 2003

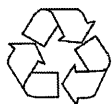


Table 1
Summary of BTEX and TPH Results for Soil and Groundwater Grab Samples
AST 930.1 / 930.2
Presidio of San Francisco, California

Soil Sample Name [depth]	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH as Gasoline (C ₇ -C ₁₂)	TPH as Diesel (C ₁₂ -C ₂₄)	TPH as Fuel Oil (C ₂₄ -C ₃₆)
	Analytical Method	SW8021B	SW8021B	SW8021B	SW8021B	MOD 8015	MOD 8015	MOD 8015
	Cleanup Level Units	1,000 µg/kg	14,000 µg/kg	19,000 µg/kg	4,340,000 µg/kg	1,690 mg/kg	1,950 mg/kg	2,730 mg/kg
930SB01[9.5]	6/19/2001	< 5.5	< 5.5	< 5.5	< 5.5	NA	66 YH	64 L
930SB02[8]	6/19/2001	< 4.9	< 4.9	< 4.9	< 4.9	NA	16 YH	37
930SB03[8]	6/19/2001	< 5.6	< 5.6	< 5.6	< 5.6	NA	9.4 YH	24
Groundwater Sample Name	Cleanup Level Units	1 µg/L	150 µg/L	700 µg/L	1,750 µg/L	770 µg/L	880 µg/L	1,200 µg/L
930GW01	6/18/2001	0.91	1.3	2.1	4.7	110	150 YH J-	< 300 UJ
DUP0618	6/18/2001	1.1	1.3	2.1	4.7	130	NA	NA
DUP0619	6/19/2001	NA	NA	NA	NA	NA	610 YH J-	530 L
930SB02RB01	6/19/2001	< 0.5	< 0.5	< 0.5	< 0.5	NA	< 50 UJ	< 300

Notes

[depth] - feet below ground surface

mg/kg - milligrams per kilogram

µg/kg - micrograms per kilogram

µg/L - micrograms per liter

DUP - denotes a blind duplicate sample

RB - denotes a rinsate blank sample

TPH - total petroleum hydrocarbons

TPH as fuel oil uses a motor oil standard for carbon range (C₂₄

NA- not analyzed

Soil Cleanup Levels - Soil cleanup levels for samples ≤ 5 feet above the groundwater table, Crissy Field RAP (Army & DTSC, 1998) and the SCRs (RWQCB, 1996).

Groundwater Cleanup Levels - Drinking Water Cleanup Levels for the Presidio (EKI, 2002).

H - Laboratory qualifier, "Heavier hydrocarbons contributed to the quantitation."

L - Laboratory qualifier, "Lighter hydrocarbons contributed to the quantitation."

Y - Laboratory qualifier, "Sample exhibits fuel pattern that does not resemble standard."

J - Data validation qualifier, "The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample."

UJ - Data validation qualifier, "The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample."

Table 2
Summary of PAH Results for Soil and Groundwater Grab Samples
AST 930.1/930.2
Presidio of San Francisco, California

			Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-c,d) pyrene	Naphthalene	Phenanthrene	Pyrene
Soil Sample Name [depth]	Sample Date	Analytical Method	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270
930SB01[9.5]	6/19/2001	µg/kg	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58
930SB02[8]	6/19/2001	µg/kg	< 53	< 53	< 53	< 53	< 53	< 53	< 53	< 53	< 53	< 53	< 53	< 53	< 53	< 53	< 53	< 53
930SB03[8]	6/19/2001	µg/kg	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55
Groundwater Sample Name																		
930GW01	6/18/2001	µg/L	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6
DUP0618	6/18/2001	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DUP0619	6/19/2001	µg/L	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6
930SB02RB01	6/19/2001	µg/L	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6

Notes
[depth] - feet below ground surface
µg/kg - micrograms per kilogram
µg/L - micrograms per liter
DUP - denotes a blind duplicate sample
RB - denotes a rinsate blank sample
NA - not analyzed

Table 3
Summary of BTEX and TPH Results for Soil Samples
Building 979 Area
Presidio of San Francisco, California

Soil Sample Name [depth]	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH as Gasoline (C ₇ -C ₁₂)	TPH as Diesel (C ₁₂ -C ₂₄)	TPH as Fuel Oil (C ₂₄ -C ₃₆)
	Analytical Method	SW8260M	SW8260M	SW8260M	SW8260M	MOD 8015	MOD 8015	MOD 8015
	Cleanup Level Units	1,000 µg/kg	14,000 µg/kg	19,000 µg/kg	4,340,000 µg/kg	1,690 mg/kg	1,950 mg/kg	2,730 mg/kg
979SB01[8]	6/18/2001	< 5.1	< 5.1	< 5.1	< 5.1	<1.0	<1.0	< 5.2
979SB02[8]	6/18/2001	< 4.8	< 4.8	< 4.8	< 4.8	< 0.96	<1.0	< 5.2
979SB03[8]	6/18/2001	< 5.4	< 5.4	< 5.4	< 5.4	< 1.1	< 1.1	< 5.5
979SB04[8]	6/18/2001	< 5.1	< 5.1	< 5.1	< 5.1	< 1.0	< 1.1	< 5.3
979SB05[8]	6/18/2001	< 4.9	< 4.9	< 4.9	< 4.9	< 0.93	1.6 Y	< 5.2
979SB06[8]	6/18/2001	< 6.2	< 6.2	< 6.2	< 6.2	< 1.2	14 YH	42 Y
Water Sample Name	Units	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L
979SB04RB05	6/18/2001	< 0.5	< 0.5	< 0.5	< 0.5	NA	< 50 UJ	< 300 UJ

Notes

[depth] - feet below ground surface

mg/kg - milligrams per kilogram

µg/kg - micrograms per kilogram

µg/L - micrograms per liter

RB - denotes a rinsate blank sample.

NA - not analyzed

TPH - total petroleum hydrocarbons

TPH as fuel oil uses a motor oil standard for carbon range (C₂₄-C₃₆).

Soil Cleanup Levels - Soil cleanup levels for samples ≤ 5 feet above the groundwater table, Crissy Field RAP (Army & DTSC, 1998) and the SCRs (RWQCB, 1996).

H - Laboratory qualifier, "Heavier Hydrocarbons contributed to the quantitation."

L - Laboratory qualifier, "Lighter hydrocarbons contributed to the quantitation."

Y - Laboratory qualifier, "Sample exhibits fuel pattern that does not resemble standard."

UJ - Data validation qualifier, "The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample."

Table 4
Summary of PAH Results for Soil Samples
Building 979 Area
Presidio of San Francisco, California

Soil Sample Name [depth]	Sample Date	Units	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-c,d) pyrene	Naphthalene	Phenanthrene	Pyrene
		Analytical Method	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270
979SB01[8]	6/18/2001	µg/kg	< 52	< 52	< 52	< 52	< 52	< 52	< 52	< 52	< 52	< 52	< 52	< 52	< 52	< 52	< 52	< 52
979SB02[8]	6/18/2001	µg/kg	< 51	< 51	< 51	< 51	< 51	< 51	< 51	< 51	< 51	< 51	< 51	< 51	< 51	< 51	< 51	< 51
979SB03[8]	6/18/2001	µg/kg	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56
979SB04[8]	6/18/2001	µg/kg	< 53	< 53	< 53	< 53	< 53	< 53	< 53	< 53	< 53	< 53	< 53	< 53	< 53	< 53	< 53	< 53
979SB05[8]	6/18/2001	µg/kg	< 52	< 52	< 52	< 52	< 52	< 52	< 52	< 52	< 52	< 52	< 52	< 52	< 52	< 52	< 52	< 52
979SB06[8]	6/18/2001	µg/kg	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60
Water Sample Name																		
979SB04RB05	6/18/2001	µg/L	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6	< 9.6

Notes
[depth] - feet below ground surface
µg/kg - micrograms per kilogram
µg/L - micrograms per liter
RB - denotes a rinsate blank sample

Table 5
Summary of BTEX and TPH Results for Soil and Grab Groundwater Samples
Building 937
Presidio of San Francisco, California

	Sample Date Analytical Method	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH As Gasoline (C ₇ -C ₁₂)	TPH As Diesel (C ₁₂ -C ₂₄)	TPH As Fuel Oil (C ₂₄ -C ₃₆)
		SW8260M	SW8260M	SW8260M	SW8260M	MOD 8015	MOD 8015	MOD 8015
Soil Sample Name [depth]	Cleanup Level Units	1,000 µg/kg	14,000 µg/kg	19,000 µg/kg	4,340,000 µg/kg	1,690 mg/kg	1,950 mg/kg	2,730 mg/kg
937SB101[8.0]	5/15/2002	< 3,400	< 3,400	5,100	41,000	7,300 YH	4,200 YLH	14,000
937SB101[12.0]	5/15/2002	< 3,400	< 3,400	4,600	37,000	8,200 YH	5,400 YLH	18,000
937SB102[9.0]	5/15/2002	< 1,200	< 1,200	< 1,200	< 1,200	1,900 YH	450 YLH	1,500
937SB102[12.5]	5/15/2002	< 630	< 630	< 630	< 630	230 YH	730 YLH	2,700
937SB108[7.5]	5/24/2002	< 130	< 130	< 130	< 130	870 YH	280 YLH	470
937SB108[9.0]	5/24/2002	< 6	< 6	< 6	< 6	< 1.3	370 YLH	820
Groundwater Sample Name	Cleanup Level Units	1 µg/L	150 µg/L	700 µg/L	1,750 µg/L	770 µg/L	880 µg/L	1,200 µg/L
937GG101	5/15/2002	98	110	110	430	34,000 YH	41,000 YLH	100,000
DUP051502	5/15/2002	57	54	59	250	19,000 YH	21,000 YLH	48,000
937GG102	5/15/2002	150	< 5	< 5	< 5	3,100	4,100 YLH	9,700
937WP01	5/16/2002	< 5	< 5	< 5	< 5	< 50	< 50	< 300
937WP04	5/16/2002	< 5	< 5	< 5	< 5	< 50	< 50	< 300
937SB101RB102	5/15/2002	< 5	< 5	< 5	< 5	< 50	< 50	< 300
937SB102RB108	5/15/2002	< 5	< 5	< 5	< 5	< 50	< 50	< 300
937SB108RB	5/24/2002	< 5	< 5	< 5	< 5	< 50	< 50 UJ	< 300 UJ

Notes

[depth] - feet below ground surface

mg/kg - milligrams per kilogram

µg/L - micrograms per liter

µg/kg - micrograms per kilogram

DUP - denotes a blind duplicate sample.

NE - cleanup level not established.

RB - denotes a rinsate blank sample.

TPH - total petroleum hydrocarbon

TPH as fuel oil uses a motor oil standard for carbon range C₂₄-C₃₆.

Soil Cleanup Levels - Soil cleanup levels for samples ≤ 5 feet above the groundwater table, Crissy Field RAP (Army & DTSC, 1998) and the SCRs (RWQCB, 1996).

Groundwater Cleanup Levels - Drinking Water Cleanup Levels for the Presidio (EKI, 2002).

Bold result indicates a cleanup level exceedance.

H - Laboratory qualifier, "Heavier hydrocarbons contributed to the quantitation."

L - Laboratory qualifier, "Lighter hydrocarbons contributed to the quantitation."

Y - Laboratory qualifier, "Sample exhibits fuel pattern that does not resemble standard."

UJ - Data validation qualifier, "The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample."

Table 6
Summary of VOC Results for Soil and Grab Groundwater Samples
Building 937
Presidio of San Francisco, California

		Units	1,2,4-TMB	1,2-DBE	1,2-DCB	1,3,5-TMB	1,4-DCB	2-Chloro - toluene	2-Phenylbutane	Carbon Disulfide	Chloro - benzene	Cymene	Isopropyl - benzene	Naphthalene	N-Butyl - benzene	Propyl - benzene
Soil Sample Name [depth]	Sample Date	Analytical Method	SW8260M	SW8260M	SW8260M	SW8260M	SW8260M	SW8260M	SW8260M	SW8260M	SW8260M	SW8260M	SW8260M	SW8260M	SW8260M	SW8260M
937SB101[8.0]	5/15/2002	µg/kg	88,000	< 3,400	< 3,400	35,000	< 3,400	< 3,400	9,200	< 3,400	< 3,400	13,000	4,800	16,000	13,000	14,000
937SB101[12.0]	5/15/2002	µg/kg	96,000	< 3,400	< 3,400	35,000	< 3,400	< 3,400	10,000	< 3,400	< 3,400	14,000	4,600	18,000	15,000	14,000
937SB102[9.0]	5/15/2002	µg/kg	< 1,200	< 1,200	< 1,200	< 1,200	< 1,200	< 1,200	8,800	< 1,200	2,300	< 1,200	2,100	< 1,200	7,600	5,300
937SB102[12.5]	5/15/2002	µg/kg	< 630	< 630	< 630	< 630	< 630	< 630	2,000	< 630	< 630	< 630	< 630	< 630	1,700	1,100
937SB108[7.5]	5/24/2002	µg/kg	590	< 130	< 130	< 130	< 130	< 130	240	< 130	< 130	< 130	< 130	< 130	230	< 130
937SB108[9.0]	5/24/2002	µg/kg	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	14 J+	< 6	< 6	< 6	< 6	< 6
Groundwater Sample Name																
937GG101	5/15/2002	µg/L	970	< 31	48	270	< 31	< 31	41	< 31	< 31	63	51	220	62	110
DUP051502	5/15/2002	µg/L	510	< 25	< 25	140	< 25	< 25	< 25	< 25	< 25	< 25	26	100	< 25	53
937GG102	5/15/2002	µg/L	< 5	< 5	8.7 UJ	< 5	16	8.2	24	17	130	< 5	18	< 5	13	23
937WP01	5/16/2002	µg/L	< 5	< 5 UJ	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
937WP04	5/16/2002	µg/L	< 5	< 5 UJ	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
937SB101RB102	5/15/2002	µg/L	< 5	< 5 UJ	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
937SB102RB108	5/15/2002	µg/L	< 5	< 5 UJ	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
937SB108RB	5/24/2002	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Notes

[depth] - feet below ground surface

µg/kg - micrograms per kilogram

µg/L - micrograms per liter

DBE - Dibromoethane

DCB - Dichlorobenzene

DUP - denotes a blind duplicate sample.

RB - denotes a rinsate blank sample.

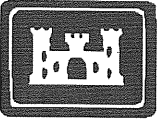
TMB - Trimethylbenzene

VOCs - volatile organic compounds

J+ - Data validation qualifier, "The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample and is estimated with a high bias due to surrogate recovery failure."

UJ - Data validation qualifier, "The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual

limit of quantitation necessary to accurately and precisely measure the analyte in the samples."



**U.S. Army Corps of Engineers
Sacramento District**

***SOIL REMEDIATION CLOSURE REPORT
CRISSY FIELD AREA
PRESIDIO OF SAN FRANCISCO, CALIFORNIA***

June 1999

***Sacramento TERC
Contract No. DACW05-95-D-0001***



**INTERNATIONAL
TECHNOLOGY
CORPORATION**

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 1 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX012(0.5) ^d	05/19/98	Cadmium	0.36	3.99	U	
950EX012(0.5)	05/19/98	Copper	13	88	J	
950EX012(0.5)	05/19/98	Lead	46	477	J	
950EX012(0.5)	05/19/98	Zinc	41	89	J	
950EX013(0.5)	05/19/98	Cadmium	0.37	3.99		
950EX013(0.5)	05/19/98	Copper	13	88	J	
950EX013(0.5)	05/19/98	Lead	44	477		
950EX013(0.5)	05/19/98	Zinc	35	89		
950EX014(0.5)	05/28/98	Cadmium	0.4	3.99	U	
950EX014(0.5)	05/28/98	Copper	11	88	J	
950EX014(0.5)	05/28/98	Lead	2.7	477	U	
950EX014(0.5)	05/28/98	Zinc	23	89		
950EX016(3.0)	06/04/98	Cadmium	0.34	3.99	U	
950EX016(3.0)	06/04/98	Copper	8.2	88		
950EX016(3.0)	06/04/98	Lead	3.7	477		
950EX016(3.0)	06/04/98	Zinc	21	89		
950EX017(3.0)	06/04/98	Cadmium	0.35	3.99	U	
950EX017(3.0)	06/04/98	Copper	8.3	88		
950EX017(3.0)	06/04/98	Lead	2.6	477		
950EX017(3.0)	06/04/98	Zinc	22	89		
950EX019(3.0)	06/04/98	Cadmium	0.34	3.99	U	
950EX019(3.0)	06/04/98	Copper	9.5	88		
950EX019(3.0)	06/04/98	Lead	22	477		
950EX019(3.0)	06/04/98	Zinc	36	89		
950EX020(3.0)	06/04/98	Cadmium	0.36	3.99	U	
950EX020(3.0)	06/04/98	Copper	17	88		
950EX020(3.0)	06/04/98	Lead	28	477		
950EX020(3.0)	06/04/98	Zinc	48	89		
950EX021(3.0)	06/04/98	Cadmium	0.39	3.99	U	
950EX021(3.0)	06/04/98	Copper	18	88		
950EX021(3.0)	06/04/98	Lead	5.1	477		
950EX021(3.0)	06/04/98	Zinc	46	89		
950EX024(6.0)	06/04/98	Cadmium	0.35	3.99	U	
950EX024(6.0)	06/04/98	Copper	13	88		
950EX024(6.0)	06/04/98	Lead	3.3	477		
950EX024(6.0)	06/04/98	Zinc	29	89		
950EX025(0.5)	06/18/98	Cadmium	0.31	3.99	U	
950EX025(0.5)	06/18/98	Copper	11.2	88	J	

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 2 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX025(0.5)	06/18/98	Lead	6.1	477	J	
950EX025(0.5)	06/18/98	Zinc	21.9	89	J+	
950EX031(0.5)	06/18/98	Cadmium	0.31	3.99	U	
950EX031(0.5)	06/18/98	Copper	12	88	J	
950EX031(0.5)	06/18/98	Lead	7.2	477		
950EX031(0.5)	06/18/98	Zinc	24	89	J	
950EX033(1.0)10	08/26/98	Cadmium	0.31	3.99	U	
950EX033(1.0)10	08/26/98	Copper	7	88		
950EX033(1.0)10	08/26/98	Lead	16	477		
950EX033(1.0)10	08/26/98	Zinc	18	89		
950EX034(0.5)	06/19/98	Cadmium	0.31	3.99	U	
950EX034(0.5)	06/19/98	Copper	17.5	88		
950EX034(0.5)	06/19/98	Lead	36.1	477		
950EX034(0.5)	06/19/98	Zinc	36.6	89		
950EX040(3.0)	06/08/98	Cadmium	0.31	3.99	U	
950EX040(3.0)	06/08/98	Copper	5.4	88		
950EX040(3.0)	06/08/98	Lead	12	477		
950EX040(3.0)	06/08/98	Zinc	29	89		
950EX041(3.0)	06/08/98	Cadmium	0.31	3.99	U	
950EX041(3.0)	06/08/98	Copper	4.4	88		
950EX041(3.0)	06/08/98	Lead	2.9	477		
950EX041(3.0)	06/08/98	Zinc	15	89		
950EX042(3.0)	06/08/98	Cadmium	0.32	3.99	U	
950EX042(3.0)	06/08/98	Copper	13	88		
950EX042(3.0)	06/08/98	Lead	6.3	477		
950EX042(3.0)	06/08/98	Zinc	25	89		
950EX043(3.0)	06/08/98	Cadmium	0.33	3.99	U	
950EX043(3.0)	06/08/98	Copper	15	88		
950EX043(3.0)	06/08/98	Lead	31	477		
950EX043(3.0)	06/08/98	Zinc	27	89		
950EX046(6.0)	06/17/98	Cadmium	0.35	3.99	U	
950EX046(6.0)	06/17/98	Copper	5.1	88	J	
950EX046(6.0)	06/17/98	Lead	12	477	U	
950EX046(6.0)	06/17/98	Zinc	21.2	89	J+	
950EX047(6.0)	06/08/98	Cadmium	0.31	3.99	U	
950EX047(6.0)	06/08/98	Copper	4.2	88		
950EX047(6.0)	06/08/98	Lead	7.5	477		
950EX047(6.0)	06/08/98	Zinc	12	89		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 3 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX055(0.5)	05/28/98	Cadmium	0.31	3.99	U	
950EX055(0.5)	05/28/98	Copper	10	88	J	
950EX055(0.5)	05/28/98	Lead	4.5	477	J	
950EX055(0.5)	05/28/98	Zinc	21	89	J	
950EX055(0.5)DUP ^e	05/28/98	Cadmium	0.32	3.99	U	950DUP052898B ^f
950EX055(0.5)DUP	05/28/98	Copper	11	88	J	
950EX055(0.5)DUP	05/28/98	Lead	8.9	477	J	
950EX055(0.5)DUP	05/28/98	Zinc	26	89	J	
950EX056(1.0)100	08/26/98	Cadmium	0.31	3.99	U	
950EX056(1.0)100	08/26/98	Copper	4.6	88		
950EX056(1.0)100	08/26/98	Lead	7.3	477	J	
950EX056(1.0)100	08/26/98	Zinc	14	89		
950EX060(1.0)	05/28/98	Cadmium	0.33	3.99		
950EX060(1.0)	05/28/98	Copper	20	88	J	
950EX060(1.0)	05/28/98	Lead	8.8	477		
950EX060(1.0)	05/28/98	Zinc	23	89		
950EX063(1.0)	06/03/98	Cadmium	0.32	3.99	U	
950EX063(1.0)	06/03/98	Copper	15	88	J	
950EX063(1.0)	06/03/98	Lead	43	477	J	
950EX063(1.0)	06/03/98	Zinc	29	89	J	
950EX068(0.5)5	12/16/98	Cadmium	0.32	3.99	U	
950EX068(0.5)5	12/16/98	Copper	13	88		
950EX068(0.5)5	12/16/98	Lead	79	477	J+	
950EX068(0.5)5	12/16/98	Zinc	39	89	J+	
950EX082(0.5)	06/02/98	Cadmium	0.36	3.99	U	
950EX082(0.5)	06/02/98	Copper	11	88	J	
950EX082(0.5)	06/02/98	Lead	32	477	J	
950EX082(0.5)	06/02/98	Zinc	49	89	J	
950EX083(0.5)	06/02/98	Cadmium	0.35	3.99	U	
950EX083(0.5)	06/02/98	Copper	10	88	J	
950EX083(0.5)	06/02/98	Lead	8	477	J	
950EX083(0.5)	06/02/98	Zinc	32	89	J	
950EX083(0.5)DUP	06/02/98	Cadmium	0.37	3.99	U	950DUP060298A
950EX083(0.5)DUP	06/02/98	Copper	9.3	88	J	
950EX083(0.5)DUP	06/02/98	Lead	6.7	477	J	
950EX083(0.5)DUP	06/02/98	Zinc	30	89	J	
950EX085(0.5)	06/02/98	Cadmium	0.34	3.99	U	
950EX085(0.5)	06/02/98	Copper	11	88	J	

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 4 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX085(0.5)	06/02/98	Lead	2.3	477	UJ	
950EX085(0.5)	06/02/98	Zinc	23	89	J	
950EX086(0.5)	06/02/98	Cadmium	0.41	3.99	U	
950EX086(0.5)	06/02/98	Copper	8.4	88	J	
950EX086(0.5)	06/02/98	Lead	2.7	477	UJ	
950EX086(0.5)	06/02/98	Zinc	29	89	J	
950EX087(3.0)	06/04/98	Cadmium	0.35	3.99	U	
950EX087(3.0)	06/04/98	Copper	8.3	88		
950EX087(3.0)	06/04/98	Lead	3.3	477		
950EX087(3.0)	06/04/98	Zinc	21	89		
950EX089(3.0)	06/04/98	Cadmium	0.37	3.99	U	
950EX089(3.0)	06/04/98	Copper	14	88		
950EX089(3.0)	06/04/98	Lead	9.7	477		
950EX089(3.0)	06/04/98	Zinc	35	89		
950EX090(3.0)	06/04/98	Cadmium	0.42	3.99		
950EX090(3.0)	06/04/98	Copper	15	88		
950EX090(3.0)	06/04/98	Lead	29	477		
950EX090(3.0)	06/04/98	Zinc	34	89		
950EX093(0.5)	06/18/98	Cadmium	0.31	3.99	U	
950EX093(0.5)	06/18/98	Copper	9	88	J	
950EX093(0.5)	06/18/98	Lead	4.8	477		
950EX093(0.5)	06/18/98	Zinc	22	89	J	
950EX094(0.5)	06/18/98	Cadmium	0.34	3.99	U	
950EX094(0.5)	06/18/98	Copper	20	88	J	
950EX094(0.5)	06/18/98	Lead	5.3	477		
950EX094(0.5)	06/18/98	Zinc	24	89	J	
950EX095(1.0)	06/18/98	Cadmium	0.31	3.99	U	
950EX095(1.0)	06/18/98	Copper	12.9	88	J	
950EX095(1.0)	06/18/98	Lead	10.7	477	J	
950EX095(1.0)	06/18/98	Zinc	25.7	89	J+	
950EX095(1.0)DUP	06/18/98	Cadmium	0.37	3.99	U	950DUP061898B
950EX095(1.0)DUP	06/18/98	Copper	16.3	88	J	
950EX095(1.0)DUP	06/18/98	Lead	17	477	J	
950EX095(1.0)DUP	06/18/98	Zinc	32.5	89	J+	
950EX096(0.5)	06/18/98	Cadmium	0.31	3.99	U	
950EX096(0.5)	06/18/98	Copper	12	88	J	
950EX096(0.5)	06/18/98	Lead	120	477		
950EX096(0.5)	06/18/98	Zinc	29	89	J	

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 5 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX097(0.5)	06/19/98	Cadmium	0.31	3.99	U	
950EX097(0.5)	06/19/98	Copper	13	88	J	
950EX097(0.5)	06/19/98	Lead	11	477		
950EX097(0.5)	06/19/98	Zinc	29	89	J	
950EX098(2.0)	08/17/98	Cadmium	0.3	3.99	U	
950EX098(2.0)	08/17/98	Copper	20	88		
950EX098(2.0)	08/17/98	Lead	61	477		
950EX098(2.0)	08/17/98	Zinc	48	89		
950EX102(3.0)	06/17/98	Cadmium	0.32	3.99	U	
950EX102(3.0)	06/17/98	Copper	24.5	88	J	
950EX102(3.0)	06/17/98	Lead	10.5	477	J	
950EX102(3.0)	06/17/98	Zinc	47.2	89	J+	
950EX132(1.0)320	08/26/98	Cadmium	0.33	3.99	U	
950EX132(1.0)320	08/26/98	Copper	13	88		
950EX132(1.0)320	08/26/98	Lead	27	477	J	
950EX132(1.0)320	08/26/98	Zinc	51	89	J+	
950EX133(2.0)	07/01/98	Cadmium	0.31	3.99	U	
950EX133(2.0)	07/01/98	Copper	4.6	88		
950EX133(2.0)	07/01/98	Lead	9.5	477	J	
950EX133(2.0)	07/01/98	Zinc	19.6	89		
950EX134(3.0)	07/01/98	Cadmium	0.31	3.99	U	
950EX134(3.0)	07/01/98	Copper	5.1	88		
950EX134(3.0)	07/01/98	Lead	6.2	477	J	
950EX134(3.0)	07/01/98	Zinc	17.9	89		
950EX135(2.0)	07/01/98	Cadmium	0.31	3.99	U	
950EX135(2.0)	07/01/98	Copper	4.6	88		
950EX135(2.0)	07/01/98	Lead	11.6	477		
950EX135(2.0)	07/01/98	Zinc	23.4	89		
950EX137(3.0)	07/01/98	Cadmium	0.36	3.99	U	
950EX137(3.0)	07/01/98	Copper	14.2	88		
950EX137(3.0)	07/01/98	Lead	7.3	477	J	
950EX137(3.0)	07/01/98	Zinc	32.3	89		
950EX140(3.0)	07/01/98	Cadmium	0.31	3.99	U	
950EX140(3.0)	07/01/98	Copper	6.4	88	J	
950EX140(3.0)	07/01/98	Lead	15.1	477	J	
950EX140(3.0)	07/01/98	Zinc	17.1	89	J+	
950EX142(1.0)80	08/26/98	Cadmium	0.31	3.99	U	
950EX142(1.0)80	08/26/98	Copper	4.9	88		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 6 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX142(1.0)80	08/26/98	Lead	6.9	477	J	
950EX142(1.0)80	08/26/98	Zinc	31	89		
950EX147(4.0)	07/02/98	Cadmium	0.33	3.99	U	
950EX147(4.0)	07/02/98	Copper	6.9	88		
950EX147(4.0)	07/02/98	Lead	11	477	U	
950EX147(4.0)	07/02/98	Zinc	22.9	89		
950EX148(2.0)	07/02/98	Cadmium	0.31	3.99	U	
950EX148(2.0)	07/02/98	Copper	7.5	88		
950EX148(2.0)	07/02/98	Lead	94.1	477		
950EX148(2.0)	07/02/98	Zinc	37.4	89		
950EX153(2.0)	07/02/98	Cadmium	0.35	3.99	U	
950EX153(2.0)	07/02/98	Copper	13.2	88		
950EX153(2.0)	07/02/98	Lead	9.5	477	J	
950EX153(2.0)	07/02/98	Zinc	37.1	89		
950EX154(2.5)	07/06/98	Cadmium	0.34	3.99	U	
950EX154(2.5)	07/06/98	Copper	7.3	88	J	
950EX154(2.5)	07/06/98	Lead	21.9	477		
950EX154(2.5)	07/06/98	Zinc	19.5	89		
950EX155(2.5)	07/06/98	Cadmium	0.34	3.99	U	
950EX155(2.5)	07/06/98	Copper	6.2	88	J	
950EX155(2.5)	07/06/98	Lead	49.3	477	J	
950EX155(2.5)	07/06/98	Zinc	22.1	89	J+	
950EX157(2.5)	07/06/98	Cadmium	0.36	3.99	U	
950EX157(2.5)	07/06/98	Copper	16	88	J	
950EX157(2.5)	07/06/98	Lead	11	477	J	
950EX157(2.5)	07/06/98	Zinc	43.7	89		
950EX158(2.5)	07/06/98	Cadmium	0.36	3.99	U	
950EX158(2.5)	07/06/98	Copper	14.5	88	J	
950EX158(2.5)	07/06/98	Lead	12	477	U	
950EX158(2.5)	07/06/98	Zinc	34.1	89		
950EX159(3.0)	07/06/98	Cadmium	0.33	3.99	U	
950EX159(3.0)	07/06/98	Copper	13.2	88	J	
950EX159(3.0)	07/06/98	Lead	19.4	477	J	
950EX159(3.0)	07/06/98	Zinc	41	89	J+	
950EX160(3.0)	07/06/98	Cadmium	0.45	3.99	U	
950EX160(3.0)	07/06/98	Copper	27.8	88	J	
950EX160(3.0)	07/06/98	Lead	35.7	477	J	
950EX160(3.0)	07/06/98	Zinc	57.9	89	J+	

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 7 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX161(2.5)	07/06/98	Cadmium	0.32	3.99	UJ	
950EX161(2.5)	07/06/98	Copper	17	88	J-	
950EX161(2.5)	07/06/98	Lead	77	477	J-	
950EX161(2.5)	07/06/98	Zinc	58	89	J-	
950EX162(2.5)	07/06/98	Cadmium	0.32	3.99	U	
950EX162(2.5)	07/06/98	Copper	11.6	88	J	
950EX162(2.5)	07/06/98	Lead	71.8	477		
950EX162(2.5)	07/06/98	Zinc	44.3	89		
950EX163(2.0)	07/06/98	Cadmium	0.32	3.99	U	
950EX163(2.0)	07/06/98	Copper	12	88	J	
950EX163(2.0)	07/06/98	Lead	36.8	477		
950EX163(2.0)	07/06/98	Zinc	31.7	89		
950EX164(2.0)	07/06/98	Cadmium	0.36	3.99	U	
950EX164(2.0)	07/06/98	Copper	15.7	88	J	
950EX164(2.0)	07/06/98	Lead	12	477	U	
950EX164(2.0)	07/06/98	Zinc	35.9	89		
950EX165(2.5)	07/06/98	Cadmium	0.35	3.99	U	
950EX165(2.5)	07/06/98	Copper	9.8	88	J	
950EX165(2.5)	07/06/98	Lead	12	477	U	
950EX165(2.5)	07/06/98	Zinc	31.6	89	J+	
950EX167(2.5)	07/06/98	Cadmium	0.35	3.99	U	
950EX167(2.5)	07/06/98	Copper	10.3	88	J	
950EX167(2.5)	07/06/98	Lead	14.6	477	J	
950EX167(2.5)	07/06/98	Zinc	23.1	89	J+	
950EX167(2.5)DUP	07/06/98	Cadmium	0.56	3.99	U	950DUP070698A
950EX167(2.5)DUP	07/06/98	Copper	12	88		
950EX167(2.5)DUP	07/06/98	Lead	34	477		
950EX167(2.5)DUP	07/06/98	Zinc	33	89		
950EX168(2.5)	07/06/98	Cadmium	0.33	3.99	U	
950EX168(2.5)	07/06/98	Copper	17.1	88	J	
950EX168(2.5)	07/06/98	Lead	18.7	477	J	
950EX168(2.5)	07/06/98	Zinc	32.5	89	J+	
950EX169(3.0)	07/06/98	Cadmium	0.35	3.99	U	
950EX169(3.0)	07/06/98	Copper	7.5	88	J	
950EX169(3.0)	07/06/98	Lead	12	477	U	
950EX169(3.0)	07/06/98	Zinc	15.2	89	J+	
950EX176(2.5)	07/06/98	Cadmium	0.33	3.99	U	
950EX176(2.5)	07/06/98	Copper	13.3	88		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 8 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX176(2.5)	07/06/98	Lead	26.3	477		
950EX176(2.5)	07/06/98	Zinc	32.3	89		
950EX178(2.0)	07/06/98	Cadmium	0.34	3.99	U	
950EX178(2.0)	07/06/98	Copper	16.3	88		
950EX178(2.0)	07/06/98	Lead	75.5	477		
950EX178(2.0)	07/06/98	Zinc	56.7	89		
950EX179(3.0)	07/06/98	Cadmium	0.35	3.99	U	
950EX179(3.0)	07/06/98	Copper	10.6	88		
950EX179(3.0)	07/06/98	Lead	12	477	U	
950EX179(3.0)	07/06/98	Zinc	21.8	89		
950EX180(3.0)	07/06/98	Cadmium	0.34	3.99	U	
950EX180(3.0)	07/06/98	Copper	7.8	88		
950EX180(3.0)	07/06/98	Lead	11	477	U	
950EX180(3.0)	07/06/98	Zinc	18.7	89		
950EX181(3.0)	07/06/98	Cadmium	0.34	3.99	U	
950EX181(3.0)	07/06/98	Copper	9.8	88		
950EX181(3.0)	07/06/98	Lead	16.5	477		
950EX181(3.0)	07/06/98	Zinc	25.7	89		
950EX182(3.0)	07/06/98	Cadmium	0.33	3.99	U	
950EX182(3.0)	07/06/98	Copper	6.1	88		
950EX182(3.0)	07/06/98	Lead	11	477	U	
950EX182(3.0)	07/06/98	Zinc	13.7	89		
950EX183(3.0)	07/06/98	Cadmium	0.34	3.99	U	
950EX183(3.0)	07/06/98	Copper	6.9	88		
950EX183(3.0)	07/06/98	Lead	8.1	477	J	
950EX183(3.0)	07/06/98	Zinc	15.7	89		
950EX184(4.0)	07/06/98	Cadmium	0.35	3.99	U	
950EX184(4.0)	07/06/98	Copper	8.3	88		
950EX184(4.0)	07/06/98	Lead	12	477	U	
950EX184(4.0)	07/06/98	Zinc	20.2	89		
950EX185(3.0)	07/06/98	Cadmium	0.45	3.99	U	
950EX185(3.0)	07/06/98	Copper	24.8	88	J	
950EX185(3.0)	07/06/98	Lead	49.8	477	J	
950EX185(3.0)	07/06/98	Zinc	74.5	89	J+	
950EX187(3.0)	07/07/98	Cadmium	0.36	3.99	U	
950EX187(3.0)	07/07/98	Copper	21.7	88		
950EX187(3.0)	07/07/98	Lead	12	477	U	
950EX187(3.0)	07/07/98	Zinc	41.5	89		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 9 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX189(3.0)	07/07/98	Cadmium	0.37	3.99	U	
950EX189(3.0)	07/07/98	Copper	20	88		
950EX189(3.0)	07/07/98	Lead	14.2	477		
950EX189(3.0)	07/07/98	Zinc	35.5	89		
950EX190(3.0)	07/07/98	Cadmium	0.38	3.99	U	
950EX190(3.0)	07/07/98	Copper	13.5	88	J	
950EX190(3.0)	07/07/98	Lead	13	477	U	
950EX190(3.0)	07/07/98	Zinc	34	89		
950EX191(4.0)	07/06/98	Cadmium	0.42	3.99	U	
950EX191(4.0)	07/06/98	Copper	20.6	88		
950EX191(4.0)	07/06/98	Lead	14	477	U	
950EX191(4.0)	07/06/98	Zinc	49.6	89		
950EX192(4.0)	07/07/98	Cadmium	0.4	3.99	U	
950EX192(4.0)	07/07/98	Copper	21	88		
950EX192(4.0)	07/07/98	Lead	13	477	U	
950EX192(4.0)	07/07/98	Zinc	57.6	89		
950EX193(3.5)	07/07/98	Cadmium	0.41	3.99	U	
950EX193(3.5)	07/07/98	Copper	19.1	88	J	
950EX193(3.5)	07/07/98	Lead	14	477	U	
950EX193(3.5)	07/07/98	Zinc	42.4	89		
950EX195(1.5)	07/07/98	Cadmium	0.31	3.99	U	
950EX195(1.5)	07/07/98	Copper	11.4	88	J	
950EX195(1.5)	07/07/98	Lead	47.1	477		
950EX195(1.5)	07/07/98	Zinc	31.5	89		
950EX197(1.5)	07/07/98	Cadmium	0.31	3.99	U	
950EX197(1.5)	07/07/98	Copper	8.7	88	J	
950EX197(1.5)	07/07/98	Lead	16	477		
950EX197(1.5)	07/07/98	Zinc	26.1	89		
950EX199(1.5)	07/07/98	Cadmium	0.32	3.99	U	
950EX199(1.5)	07/07/98	Copper	20	88	J	
950EX199(1.5)	07/07/98	Lead	70	477		
950EX199(1.5)	07/07/98	Zinc	53.8	89		
950EX200(1.5)	07/07/98	Cadmium	0.34	3.99	U	
950EX200(1.5)	07/07/98	Copper	13	88	J	
950EX200(1.5)	07/07/98	Lead	6.7	477	J	
950EX200(1.5)	07/07/98	Zinc	31.4	89		
950EX204(7.0)	07/08/98	Cadmium	0.39	3.99	U	
950EX204(7.0)	07/08/98	Copper	11.1	88	J	

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 10 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX204(7.0)	07/08/98	Lead	13	477	U	
950EX204(7.0)	07/08/98	Zinc	28.6	89	J+	
950EX205(7.0)	07/08/98	Cadmium	0.41	3.99	U	
950EX205(7.0)	07/08/98	Copper	13.9	88		
950EX205(7.0)	07/08/98	Lead	14	477	U	
950EX205(7.0)	07/08/98	Zinc	27.9	89		
950EX206(7.0)	07/08/98	Cadmium	0.47	3.99	U	
950EX206(7.0)	07/08/98	Copper	19	88		
950EX206(7.0)	07/08/98	Lead	16	477	U	
950EX206(7.0)	07/08/98	Zinc	53.2	89		
950EX207(7.0)	07/08/98	Cadmium	0.42	3.99	U	
950EX207(7.0)	07/08/98	Copper	21.6	88		
950EX207(7.0)	07/08/98	Lead	10.6	477	J	
950EX207(7.0)	07/08/98	Zinc	50	89		
950EX208(1.5)15	03/31/99	Cadmium	0.39	3.99	U	
950EX208(1.5)15	03/31/99	Copper	19	88		
950EX208(1.5)15	03/31/99	Lead	34	477		
950EX208(1.5)15	03/31/99	Zinc	55	89	J-	
950EX218(3.0)	07/08/98	Cadmium	0.31	3.99	U	
950EX218(3.0)	07/08/98	Copper	8.7	88		
950EX218(3.0)	07/08/98	Lead	17.5	477		
950EX218(3.0)	07/08/98	Zinc	26.9	89		
950EX222(1.5)	07/08/98	Cadmium	0.32	3.99	U	
950EX222(1.5)	07/08/98	Copper	14.9	88		
950EX222(1.5)	07/08/98	Lead	45.9	477		
950EX222(1.5)	07/08/98	Zinc	32.5	89		
950EX223(1.5)	07/08/98	Cadmium	0.32	3.99	U	
950EX223(1.5)	07/08/98	Copper	16.9	88		
950EX223(1.5)	07/08/98	Lead	20	477		
950EX223(1.5)	07/08/98	Zinc	32.6	89		
950EX224(1.5)	07/08/98	Cadmium	0.31	3.99	U	
950EX224(1.5)	07/08/98	Copper	19.3	88		
950EX224(1.5)	07/08/98	Lead	37.4	477		
950EX224(1.5)	07/08/98	Zinc	36.4	89		
950EX225(1.5)	07/09/98	Cadmium	0.36	3.99	U	
950EX225(1.5)	07/09/98	Copper	22.7	88		
950EX225(1.5)	07/09/98	Lead	6.9	477	J	
950EX225(1.5)	07/09/98	Zinc	48.2	89		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 11 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX226(1.5)	07/09/98	Cadmium	0.36	3.99	U	
950EX226(1.5)	07/09/98	Copper	19.1	88		
950EX226(1.5)	07/09/98	Lead	9	477	J	
950EX226(1.5)	07/09/98	Zinc	53.3	89		
950EX230(1.5)	07/09/98	Cadmium	0.32	3.99	U	
950EX230(1.5)	07/09/98	Copper	26.8	88		
950EX230(1.5)	07/09/98	Lead	16.9	477		
950EX230(1.5)	07/09/98	Zinc	55.7	89		
950EX231(1.5)	07/09/98	Cadmium	0.31	3.99	U	
950EX231(1.5)	07/09/98	Copper	16.5	88		
950EX231(1.5)	07/09/98	Lead	24.7	477		
950EX231(1.5)	07/09/98	Zinc	35	89		
950EX233(3.0)40	08/18/98	Cadmium	0.31	3.99	U	
950EX233(3.0)40	08/18/98	Copper	11	88		
950EX233(3.0)40	08/18/98	Lead	6.3	477	J	
950EX233(3.0)40	08/18/98	Zinc	25	89	J+	
950EX235(3.0)40	08/18/98	Cadmium	0.35	3.99	U	
950EX235(3.0)40	08/18/98	Copper	15	88		
950EX235(3.0)40	08/18/98	Lead	12	477	U	
950EX235(3.0)40	08/18/98	Zinc	46	89	J+	
950EX237(3.0)40	08/18/98	Cadmium	0.45	3.99		
950EX237(3.0)40	08/18/98	Copper	29	88		
950EX237(3.0)40	08/18/98	Lead	37	477		
950EX237(3.0)40	08/18/98	Zinc	64	89	J+	
950EX238(2.0)	07/09/98	Cadmium	0.36	3.99	U	
950EX238(2.0)	07/09/98	Copper	10.2	88		
950EX238(2.0)	07/09/98	Lead	7.8	477	J	
950EX238(2.0)	07/09/98	Zinc	24.6	89		
950EX239(2.0)A ^g	02/11/99	Cadmium	0.31	3.99	U	
950EX239(2.0)A	02/11/99	Copper	14	88		
950EX239(2.0)A	02/11/99	Lead	88	477	J+	
950EX239(2.0)A	02/11/99	Zinc	45	89	J-	
950EX240(1.0)10	08/19/98	Cadmium	0.31	3.99	U	
950EX240(1.0)10	08/19/98	Copper	17	88		
950EX240(1.0)10	08/19/98	Lead	110	477		
950EX240(1.0)10	08/19/98	Zinc	53	89	J+	
950EX240(1.0)10DUP	08/19/98	Cadmium	0.3	3.99	U	950DUP081998C
950EX240(1.0)10DUP	08/19/98	Copper	40	88		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 12 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX240(1.0)10DUP	08/19/98	Lead	56	477		
950EX240(1.0)10DUP	08/19/98	Zinc	68	89		
950EX240(1.0)20	08/19/98	Cadmium	0.32	3.99	U	
950EX240(1.0)20	08/19/98	Copper	8.9	88		
950EX240(1.0)20	08/19/98	Lead	17	477		
950EX240(1.0)20	08/19/98	Zinc	35	89		
950EX240(1.0)20DUP	08/19/98	Cadmium	0.3	3.99	U	950DUP081998F
950EX240(1.0)20DUP	08/19/98	Copper	15	88		
950EX240(1.0)20DUP	08/19/98	Lead	50	477		
950EX240(1.0)20DUP	08/19/98	Zinc	51	89	J+	
950EX242(1.0)20	08/19/98	Cadmium	0.3	3.99	U	
950EX242(1.0)20	08/19/98	Copper	12	88		
950EX242(1.0)20	08/19/98	Lead	77	477		
950EX242(1.0)20	08/19/98	Zinc	48	89	J+	
950EX242(1.0)20DUP	08/19/98	Cadmium	0.3	3.99	U	950DUP081998E
950EX242(1.0)20DUP	08/19/98	Copper	12	88		
950EX242(1.0)20DUP	08/19/98	Lead	41	477		
950EX242(1.0)20DUP	08/19/98	Zinc	47	89	J+	
950EX242(2.0)10	08/19/98	Cadmium	0.3	3.99	U	
950EX242(2.0)10	08/19/98	Copper	11	88		
950EX242(2.0)10	08/19/98	Lead	29	477		
950EX242(2.0)10	08/19/98	Zinc	30	89	J+	
950EX246(2.0)	08/13/98	Cadmium	0.3	3.99	U	
950EX246(2.0)	08/13/98	Copper	10.1	88		
950EX246(2.0)	08/13/98	Lead	14.4	477		
950EX246(2.0)	08/13/98	Zinc	26.3	89		
950EX246(2.0)DUP	08/13/98	Cadmium	0.31	3.99	U	950DUP081398?
950EX246(2.0)DUP	08/13/98	Copper	9.3	88		
950EX246(2.0)DUP	08/13/98	Lead	21.8	477		
950EX246(2.0)DUP	08/13/98	Zinc	25.1	89		
950EX247(2.0)	08/13/98	Cadmium	0.38	3.99		
950EX247(2.0)	08/13/98	Copper	16.2	88		
950EX247(2.0)	08/13/98	Lead	24.8	477		
950EX247(2.0)	08/13/98	Zinc	44.7	89		
950EX249(2.0)	08/20/98	Cadmium	0.32	3.99	U	
950EX249(2.0)	08/20/98	Copper	5	88		
950EX249(2.0)	08/20/98	Lead	12	477		
950EX249(2.0)	08/20/98	Zinc	19	89		

Footnotes at end of table.
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Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 13 of 35)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX252(1.0)	08/20/98	Cadmium	0.3	3.99	U	
950EX252(1.0)	08/20/98	Copper	4.7	88		
950EX252(1.0)	08/20/98	Lead	10	477	U	
950EX252(1.0)	08/20/98	Zinc	13	89		
950EX253(1.0)	08/20/98	Cadmium	0.3	3.99	U	
950EX253(1.0)	08/20/98	Copper	14	88		
950EX253(1.0)	08/20/98	Lead	40	477		
950EX253(1.0)	08/20/98	Zinc	66	89		
950EX254(2.0)	08/20/98	Cadmium	0.31	3.99	U	
950EX254(2.0)	08/20/98	Copper	8.3	88		
950EX254(2.0)	08/20/98	Lead	43	477		
950EX254(2.0)	08/20/98	Zinc	36	89		
950EX255(2.0)	08/20/98	Cadmium	0.31	3.99	U	
950EX255(2.0)	08/20/98	Copper	12	88		
950EX255(2.0)	08/20/98	Lead	38	477		
950EX255(2.0)	08/20/98	Zinc	29	89		
950EX256(4.0)	08/20/98	Cadmium	0.3	3.99	U	
950EX256(4.0)	08/20/98	Copper	4.6	88		
950EX256(4.0)	08/20/98	Lead	10	477	U	
950EX256(4.0)	08/20/98	Zinc	15	89		
950EX257(2.0)	08/20/98	Cadmium	0.32	3.99	U	
950EX257(2.0)	08/20/98	Copper	9.1	88		
950EX257(2.0)	08/20/98	Lead	15	477		
950EX257(2.0)	08/20/98	Zinc	21	89		
950EX258(1.0)20	08/25/98	Cadmium	0.33	3.99	U	
950EX258(1.0)20	08/25/98	Copper	18	88		
950EX258(1.0)20	08/25/98	Lead	11	477		
950EX258(1.0)20	08/25/98	Zinc	46	89		
950EX259(1.0)20	08/25/98	Cadmium	0.34	3.99	U	
950EX259(1.0)20	08/25/98	Copper	20	88		
950EX259(1.0)20	08/25/98	Lead	27	477		
950EX259(1.0)20	08/25/98	Zinc	73	89		
950EX260(2.0)15	10/05/98	Cadmium	0.3	3.99	U	
950EX260(2.0)15	10/05/98	Copper	4.6	88		
950EX260(2.0)15	10/05/98	Lead	5.7	477	J	
950EX260(2.0)15	10/05/98	Zinc	18	89		
950EX260(2.0)15DUP	10/05/98	Cadmium	0.3	3.99	U	950DUP100598B
950EX260(2.0)15DUP	10/05/98	Copper	4.6	88		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 14 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX260(2.0)15DUP	10/05/98	Lead	8.5	477	J	
950EX260(2.0)15DUP	10/05/98	Zinc	17	89		
950EX261(1.0)	08/24/98	Cadmium	0.35	3.99	U	
950EX261(1.0)	08/24/98	Copper	4.3	88		
950EX261(1.0)	08/24/98	Lead	12	477	U	
950EX261(1.0)	08/24/98	Zinc	18	89		
950EX262(2.0)	08/20/98	Cadmium	0.3	3.99	U	
950EX262(2.0)	08/20/98	Copper	18	88		
950EX262(2.0)	08/20/98	Lead	79	477		
950EX262(2.0)	08/20/98	Zinc	67	89		
950EX263(2.0)	08/20/98	Cadmium	0.31	3.99	U	
950EX263(2.0)	08/20/98	Copper	10	88		
950EX263(2.0)	08/20/98	Lead	130	477		
950EX263(2.0)	08/20/98	Zinc	44	89		
950EX264(2.0)	08/20/98	Cadmium	0.3	3.99	U	
950EX264(2.0)	08/20/98	Copper	4.3	88		
950EX264(2.0)	08/20/98	Lead	10	477	U	
950EX264(2.0)	08/20/98	Zinc	24	89		
950EX265(3.0)	08/20/98	Cadmium	0.31	3.99	U	
950EX265(3.0)	08/20/98	Copper	12	88		
950EX265(3.0)	08/20/98	Lead	47	477		
950EX265(3.0)	08/20/98	Zinc	45	89		
950EX267(4.0)	08/20/98	Cadmium	0.31	3.99	U	
950EX267(4.0)	08/20/98	Copper	8.2	88		
950EX267(4.0)	08/20/98	Lead	21	477		
950EX267(4.0)	08/20/98	Zinc	32	89		
950EX268(1.0)15	10/05/98	Cadmium	0.3	3.99	U	
950EX268(1.0)15	10/05/98	Copper	4.1	88		
950EX268(1.0)15	10/05/98	Lead	8.6	477	J	
950EX268(1.0)15	10/05/98	Zinc	18	89		
950EX270(3.0)	08/26/98	Cadmium	0.36	3.99	U	
950EX270(3.0)	08/26/98	Copper	13	88		
950EX270(3.0)	08/26/98	Lead	33	477	J	
950EX270(3.0)	08/26/98	Zinc	46	89	J+	
950EX274(2.0)	08/24/98	Cadmium	0.34	3.99	U	
950EX274(2.0)	08/24/98	Copper	15	88		
950EX274(2.0)	08/24/98	Lead	18	477	J-	
950EX274(2.0)	08/24/98	Zinc	47	89		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 15 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX277(2.5)	09/01/98	Cadmium	0.31	3.99	U	
950EX277(2.5)	09/01/98	Copper	11	88		
950EX277(2.5)	09/01/98	Lead	110	477		
950EX277(2.5)	09/01/98	Zinc	70	89		
950EX280(1.0)10A	03/30/99	Cadmium	0.35	3.99	U	
950EX280(1.0)10A	03/30/99	Copper	19	88		
950EX280(1.0)10A	03/30/99	Lead	31	477	J+	
950EX280(1.0)10A	03/30/99	Zinc	60	89		
950EX281(2.0)10	10/06/98	Cadmium	0.32	3.99	U	
950EX281(2.0)10	10/06/98	Copper	20	88		
950EX281(2.0)10	10/06/98	Lead	38	477		
950EX281(2.0)10	10/06/98	Zinc	63	89		
950EX282(2.0)10	12/03/98	Cadmium	0.34	3.99	U	
950EX282(2.0)10	12/03/98	Copper	21	88		
950EX282(2.0)10	12/03/98	Lead	42	477		
950EX282(2.0)10	12/03/98	Zinc	73	89		
950EX285(3.5)	08/27/98	Cadmium	0.3	3.99	U	
950EX285(3.5)	08/27/98	Copper	4.3	88		
950EX285(3.5)	08/27/98	Lead	11	477	J-	
950EX285(3.5)	08/27/98	Zinc	13	89		
950EX286(3.5)	08/27/98	Cadmium	0.31	3.99	U	
950EX286(3.5)	08/27/98	Copper	7.5	88		
950EX286(3.5)	08/27/98	Lead	36	477	J-	
950EX286(3.5)	08/27/98	Zinc	31	89		
950EX287(3.5)	08/27/98	Cadmium	0.46	3.99		
950EX287(3.5)	08/27/98	Copper	5.8	88		
950EX287(3.5)	08/27/98	Lead	14	477	J-	
950EX287(3.5)	08/27/98	Zinc	59	89		
950EX288(3.5)	08/27/98	Cadmium	0.3	3.99	U	
950EX288(3.5)	08/27/98	Copper	6.2	88		
950EX288(3.5)	08/27/98	Lead	30	477	J-	
950EX288(3.5)	08/27/98	Zinc	22	89		
950EX289(4.0)	08/27/98	Cadmium	0.32	3.99	U	
950EX289(4.0)	08/27/98	Copper	8.1	88		
950EX289(4.0)	08/27/98	Lead	11	477	J-	
950EX289(4.0)	08/27/98	Zinc	22	89		
950EX291(1.5)	09/16/98	Cadmium	0.32	3.99	U	
950EX291(1.5)	09/16/98	Copper	15	88		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 16 of 35)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX291(1.5)	09/16/98	Lead	6.6	477	J	
950EX291(1.5)	09/16/98	Zinc	38	89		
950EX293(2.0)A	04/01/99	Cadmium	0.36	3.99	U	
950EX293(2.0)A	04/01/99	Copper	29	88		
950EX293(2.0)A	04/01/99	Lead	16	477	J+	
950EX293(2.0)A	04/01/99	Zinc	63	89		
950EX294(5.0)	09/16/98	Cadmium	0.31	3.99	U	
950EX294(5.0)	09/16/98	Copper	14	88		
950EX294(5.0)	09/16/98	Lead	29	477		
950EX294(5.0)	09/16/98	Zinc	39	89		
950EX295(3.0)	08/27/98	Cadmium	0.31	3.99	U	
950EX295(3.0)	08/27/98	Copper	15	88		
950EX295(3.0)	08/27/98	Lead	58	477	J+	
950EX295(3.0)	08/27/98	Zinc	74	89	J-	
950EX296(2.0)	08/27/98	Cadmium	0.31	3.99	U	
950EX296(2.0)	08/27/98	Copper	10	88		
950EX296(2.0)	08/27/98	Lead	44	477		
950EX296(2.0)	08/27/98	Zinc	46	89		
950EX297(2.0)10	09/16/98	Cadmium	0.3	3.99	U	
950EX297(2.0)10	09/16/98	Copper	4.4	88		
950EX297(2.0)10	09/16/98	Lead	11	477		
950EX297(2.0)10	09/16/98	Zinc	24	89		
950EX298(2.0)10	10/06/98	Cadmium	0.32	3.99	U	
950EX298(2.0)10	10/06/98	Copper	20	88		
950EX298(2.0)10	10/06/98	Lead	52	477		
950EX298(2.0)10	10/06/98	Zinc	61	89		
950EX299(5.0)	08/27/98	Cadmium	0.31	3.99	U	
950EX299(5.0)	08/27/98	Copper	8.2	88		
950EX299(5.0)	08/27/98	Lead	17	477		
950EX299(5.0)	08/27/98	Zinc	26	89		
950EX302(4.5)5	09/28/98	Cadmium	0.3	3.99	U	
950EX302(4.5)5	09/28/98	Copper	14	88		
950EX302(4.5)5	09/28/98	Lead	30	477		
950EX302(4.5)5	09/28/98	Zinc	39	89		
950EX303(2.0)20	10/06/98	Cadmium	0.17	3.99	J	
950EX303(2.0)20	10/06/98	Copper	28	88		
950EX303(2.0)20	10/06/98	Lead	220	477		
950EX303(2.0)20	10/06/98	Zinc	160	89		Exceeds cleanup level

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 17 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX304(4.0)	08/27/98	Cadmium	0.31	3.99	U	
950EX304(4.0)	08/27/98	Copper	4.7	88		
950EX304(4.0)	08/27/98	Lead	15	477		
950EX304(4.0)	08/27/98	Zinc	21	89		
950EX305(3.5)	09/01/98	Cadmium	0.54	3.99	U	
950EX305(3.5)	09/01/98	Copper	14	88		
950EX305(3.5)	09/01/98	Lead	43	477		
950EX305(3.5)	09/01/98	Zinc	49	89		
950EX306(1.5)A	04/26/99	Cadmium	0.31	3.99	U	
950EX306(1.5)A	04/26/99	Copper	4.2	88		
950EX306(1.5)A	04/26/99	Lead	10	477	U	
950EX306(1.5)A	04/26/99	Zinc	15	89		
950EX307(2.5)	09/01/98	Cadmium	0.3	3.99	U	
950EX307(2.5)	09/01/98	Copper	5.2	88		
950EX307(2.5)	09/01/98	Lead	11	477		
950EX307(2.5)	09/01/98	Zinc	18	89		
950EX308(3.0)	09/01/98	Cadmium	0.35	3.99	U	
950EX308(3.0)	09/01/98	Copper	7	88		
950EX308(3.0)	09/01/98	Lead	11	477	J	
950EX308(3.0)	09/01/98	Zinc	18	89		
950EX312(3.5)	09/02/98	Cadmium	0.31	3.99	U	
950EX312(3.5)	09/02/98	Copper	15	88		
950EX312(3.5)	09/02/98	Lead	58	477		
950EX312(3.5)	09/02/98	Zinc	46	89		
950EX313(3.5)	09/02/98	Cadmium	0.55	3.99	U	
950EX313(3.5)	09/02/98	Copper	13	88		
950EX313(3.5)	09/02/98	Lead	11	477	U	
950EX313(3.5)	09/02/98	Zinc	47	89	J+	
950EX314(3.5)	09/02/98	Cadmium	0.53	3.99	U	
950EX314(3.5)	09/02/98	Copper	20	88		
950EX314(3.5)	09/02/98	Lead	71	477		
950EX314(3.5)	09/02/98	Zinc	77	89	J+	
950EX315(3.0)	09/02/98	Cadmium	0.52	3.99	U	
950EX315(3.0)	09/02/98	Copper	22	88		
950EX315(3.0)	09/02/98	Lead	49	477		
950EX315(3.0)	09/02/98	Zinc	61	89	J+	
950EX316(2.5)	09/01/98	Cadmium	0.37	3.99	U	
950EX316(2.5)	09/01/98	Copper	17	88		

Footnotes at end of table.
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Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 18 of 35)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX316(2.5)	09/01/98	Lead	81	477		
950EX316(2.5)	09/01/98	Zinc	73	89		
950EX317(4.0)	09/02/98	Cadmium	0.31	3.99	U	
950EX317(4.0)	09/02/98	Copper	14	88		
950EX317(4.0)	09/02/98	Lead	29	477	J-	
950EX317(4.0)	09/02/98	Zinc	60	89		
950EX318(2.0)	09/02/98	Cadmium	0.32	3.99	U	
950EX318(2.0)	09/02/98	Copper	19	88		
950EX318(2.0)	09/02/98	Lead	23	477	J+	
950EX318(2.0)	09/02/98	Zinc	45	89	J-	
950EX322(4.0)	10/05/98	Cadmium	0.31	3.99	U	
950EX322(4.0)	10/05/98	Copper	4.5	88		
950EX322(4.0)	10/05/98	Lead	5.8	477	J	
950EX322(4.0)	10/05/98	Zinc	23	89		
950EX323(4.0)	10/05/98	Cadmium	0.31	3.99	U	
950EX323(4.0)	10/05/98	Copper	4.6	88		
950EX323(4.0)	10/05/98	Lead	7.5	477	J	
950EX323(4.0)	10/05/98	Zinc	23	89		
950EX325(2.0)	09/10/98	Cadmium	0.32	3.99	U	
950EX325(2.0)	09/10/98	Copper	9.7	88		
950EX325(2.0)	09/10/98	Lead	6.5	477	J	
950EX325(2.0)	09/10/98	Zinc	30	89		
950EX327(1.0)	09/10/98	Cadmium	0.35	3.99	U	
950EX327(1.0)	09/10/98	Copper	16	88		
950EX327(1.0)	09/10/98	Lead	35	477		
950EX327(1.0)	09/10/98	Zinc	52	89		
950EX328(2.0)	09/10/98	Cadmium	0.34	3.99	U	
950EX328(2.0)	09/10/98	Copper	15	88		
950EX328(2.0)	09/10/98	Lead	26	477		
950EX328(2.0)	09/10/98	Zinc	37	89		
950EX329(2.0)5	09/28/98	Cadmium	0.3	3.99	U	
950EX329(2.0)5	09/28/98	Copper	9.1	88		
950EX329(2.0)5	09/28/98	Lead	18	477		
950EX329(2.0)5	09/28/98	Zinc	26	89		
950EX330(2.0)	09/16/98	Cadmium	0.3	3.99	U	
950EX330(2.0)	09/16/98	Copper	10	88		
950EX330(2.0)	09/16/98	Lead	98	477		
950EX330(2.0)	09/16/98	Zinc	46	89		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 19 of 35)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX331(1.0)	09/16/98	Cadmium	0.3	3.99	U	
950EX331(1.0)	09/16/98	Copper	4.8	88		
950EX331(1.0)	09/16/98	Lead	6	477	J	
950EX331(1.0)	09/16/98	Zinc	15	89		
950EX332(1.5)	09/16/98	Cadmium	0.3	3.99	U	
950EX332(1.5)	09/16/98	Copper	6.4	88		
950EX332(1.5)	09/16/98	Lead	20	477		
950EX332(1.5)	09/16/98	Zinc	20	89		
950EX333(2.0)	09/16/98	Cadmium	0.3	3.99	U	
950EX333(2.0)	09/16/98	Copper	4.4	88		
950EX333(2.0)	09/16/98	Lead	5.6	477	J	
950EX333(2.0)	09/16/98	Zinc	15	89		
950EX334(3.0)	09/14/98	Cadmium	0.31	3.99	U	
950EX334(3.0)	09/14/98	Copper	4.8	88		
950EX334(3.0)	09/14/98	Lead	8.6	477	J	
950EX334(3.0)	09/14/98	Zinc	23	89		
950EX340(2.0)	09/15/98	Cadmium	0.35	3.99	U	
950EX340(2.0)	09/15/98	Copper	32	88		
950EX340(2.0)	09/15/98	Lead	98	477		
950EX340(2.0)	09/15/98	Zinc	83	89		
950EX342(3.0)	09/15/98	Cadmium	0.34	3.99	U	
950EX342(3.0)	09/15/98	Copper	28	88		
950EX342(3.0)	09/15/98	Lead	81	477		
950EX342(3.0)	09/15/98	Zinc	71	89		
950EX342(3.0)DUP	09/15/98	Cadmium	0.33	3.99	U	950DUP091598B
950EX342(3.0)DUP	09/15/98	Copper	31	88		
950EX342(3.0)DUP	09/15/98	Lead	110	477		
950EX342(3.0)DUP	09/15/98	Zinc	71	89		
950EX343(3.0)	09/16/98	Cadmium	0.33	3.99	U	
950EX343(3.0)	09/16/98	Copper	31	88		
950EX343(3.0)	09/16/98	Lead	72	477		
950EX343(3.0)	09/16/98	Zinc	78	89		
950EX345(5.0)	10/01/98	Cadmium	0.33	3.99	UJ	
950EX345(5.0)	10/01/98	Copper	29	88		
950EX345(5.0)	10/01/98	Lead	65	477		
950EX345(5.0)	10/01/98	Zinc	88	89		
950EX346(5.0)	10/01/98	Cadmium	0.33	3.99	UJ	
950EX346(5.0)	10/01/98	Copper	26	88		

Footnotes at end of table.

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Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 20 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX346(5.0)	10/01/98	Lead	140	477		
950EX346(5.0)	10/01/98	Zinc	80	89		
950EX347(3.0)	09/15/98	Cadmium	0.32	3.99	U	
950EX347(3.0)	09/15/98	Copper	14	88		
950EX347(3.0)	09/15/98	Lead	34	477		
950EX347(3.0)	09/15/98	Zinc	67	89		
950EX348(1.0)	09/15/98	Cadmium	0.32	3.99	U	
950EX348(1.0)	09/15/98	Copper	16	88		
950EX348(1.0)	09/15/98	Lead	50	477		
950EX348(1.0)	09/15/98	Zinc	36	89		
950EX350(5.0)	10/05/98	Cadmium	0.31	3.99	U	
950EX350(5.0)	10/05/98	Copper	6.8	88		
950EX350(5.0)	10/05/98	Lead	47	477		
950EX350(5.0)	10/05/98	Zinc	45	89		
950EX352(5.0)	10/05/98	Cadmium	0.16	3.99	J	
950EX352(5.0)	10/05/98	Copper	8.4	88		
950EX352(5.0)	10/05/98	Lead	27	477		
950EX352(5.0)	10/05/98	Zinc	82	89		
950EX354(5.0)	10/05/98	Cadmium	0.31	3.99	U	
950EX354(5.0)	10/05/98	Copper	8.9	88		
950EX354(5.0)	10/05/98	Lead	10	477		
950EX354(5.0)	10/05/98	Zinc	23	89		
950EX358(4.0)	10/05/98	Cadmium	0.31	3.99	U	
950EX358(4.0)	10/05/98	Copper	6.3	88		
950EX358(4.0)	10/05/98	Lead	20	477		
950EX358(4.0)	10/05/98	Zinc	39	89		
950EX360(4.0)	10/05/98	Cadmium	0.31	3.99	U	
950EX360(4.0)	10/05/98	Copper	5.6	88		
950EX360(4.0)	10/05/98	Lead	8.4	477	J	
950EX360(4.0)	10/05/98	Zinc	26	89		
950EX361(2.5)	09/16/98	Cadmium	0.31	3.99	U	
950EX361(2.5)	09/16/98	Copper	3.1	88		
950EX361(2.5)	09/16/98	Lead	10	477	U	
950EX361(2.5)	09/16/98	Zinc	14	89		
950EX362(1.0)	09/16/98	Cadmium	0.3	3.99	U	
950EX362(1.0)	09/16/98	Copper	3.8	88		
950EX362(1.0)	09/16/98	Lead	9.1	477	J	
950EX362(1.0)	09/16/98	Zinc	16	89		

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L:\CF Closure\TBL1950.XLS

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 21 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX363(2.5)15	10/22/98	Cadmium	0.32	3.99	U	
950EX363(2.5)15	10/22/98	Copper	13	88		
950EX363(2.5)15	10/22/98	Lead	41	477		
950EX363(2.5)15	10/22/98	Zinc	45	89		
950EX364(2.5)	09/17/98	Cadmium	0.32	3.99	U	
950EX364(2.5)	09/17/98	Copper	10	88		
950EX364(2.5)	09/17/98	Lead	11	477		
950EX364(2.5)	09/17/98	Zinc	26	89		
950EX365(2.5)	09/17/98	Cadmium	0.34	3.99	U	
950EX365(2.5)	09/17/98	Copper	14	88		
950EX365(2.5)	09/17/98	Lead	9.8	477	J	
950EX365(2.5)	09/17/98	Zinc	28	89		
950EX365(2.5)DUP	09/17/98	Cadmium	0.32	3.99	U	950DUP091798B
950EX365(2.5)DUP	09/17/98	Copper	10	88		
950EX365(2.5)DUP	09/17/98	Lead	14	477		
950EX365(2.5)DUP	09/17/98	Zinc	30	89		
950EX366(2.5)	09/17/98	Cadmium	0.33	3.99	U	
950EX366(2.5)	09/17/98	Copper	18	88		
950EX366(2.5)	09/17/98	Lead	25	477		
950EX366(2.5)	09/17/98	Zinc	54	89		
950EX367(3.0)	09/17/98	Cadmium	0.32	3.99	U	
950EX367(3.0)	09/17/98	Copper	13	88		
950EX367(3.0)	09/17/98	Lead	18	477		
950EX367(3.0)	09/17/98	Zinc	34	89		
950EX368(4.0)	09/17/98	Cadmium	0.33	3.99	U	
950EX368(4.0)	09/17/98	Copper	9.3	88		
950EX368(4.0)	09/17/98	Lead	11	477	U	
950EX368(4.0)	09/17/98	Zinc	23	89		
950EX369(3.0)	09/17/98	Cadmium	0.31	3.99	U	
950EX369(3.0)	09/17/98	Copper	6.5	88		
950EX369(3.0)	09/17/98	Lead	5	477	J	
950EX369(3.0)	09/17/98	Zinc	19	89		
950EX370(3.0)3	10/05/98	Cadmium	0.3	3.99	U	
950EX370(3.0)3	10/05/98	Copper	6.6	88		
950EX370(3.0)3	10/05/98	Lead	16	477		
950EX370(3.0)3	10/05/98	Zinc	27	89		
950EX371(3.0)3	10/19/98	Cadmium	0.31	3.99	U	
950EX371(3.0)3	10/19/98	Copper	16	88		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 22 of 35)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX371(3.0)3	10/19/98	Lead	18	477		
950EX371(3.0)3	10/19/98	Zinc	30	89		
950EX372(3.0)3	09/28/98	Cadmium	0.3	3.99	U	
950EX372(3.0)3	09/28/98	Copper	8.6	88		
950EX372(3.0)3	09/28/98	Lead	6.7	477	J	
950EX372(3.0)3	09/28/98	Zinc	20	89		
950EX373(3.0)	09/17/98	Cadmium	0.3	3.99	U	
950EX373(3.0)	09/17/98	Copper	12	88		
950EX373(3.0)	09/17/98	Lead	210	477	J-	
950EX373(3.0)	09/17/98	Zinc	28	89		
950EX377(3.0)	09/21/98	Cadmium	0.35	3.99	U	
950EX377(3.0)	09/21/98	Copper	28	88		
950EX377(3.0)	09/21/98	Lead	110	477		
950EX377(3.0)	09/21/98	Zinc	96	89		Exceeds cleanup level
950EX379(3.0)	09/21/98	Cadmium	0.31	3.99	U	
950EX379(3.0)	09/21/98	Copper	8.2	88		
950EX379(3.0)	09/21/98	Lead	34	477		
950EX379(3.0)	09/21/98	Zinc	33	89		
950EX380(4.0)	10/05/98	Cadmium	0.3	3.99	U	
950EX380(4.0)	10/05/98	Copper	5.6	88		
950EX380(4.0)	10/05/98	Lead	6.5	477	J	
950EX380(4.0)	10/05/98	Zinc	17	89		
950EX381(3.0)	09/21/98	Cadmium	0.31	3.99	U	
950EX381(3.0)	09/21/98	Copper	5.5	88		
950EX381(3.0)	09/21/98	Lead	14	477		
950EX381(3.0)	09/21/98	Zinc	19	89		
950EX383(4.0)	10/05/98	Cadmium	0.31	3.99	U	
950EX383(4.0)	10/05/98	Copper	5.7	88		
950EX383(4.0)	10/05/98	Lead	33	477		
950EX383(4.0)	10/05/98	Zinc	25	89		
950EX384(3.0)	09/22/98	Cadmium	0.31	3.99	U	
950EX384(3.0)	09/22/98	Copper	13	88		
950EX384(3.0)	09/22/98	Lead	87	477		
950EX384(3.0)	09/22/98	Zinc	45	89		
950EX386(3.0)	09/22/98	Cadmium	0.31	3.99	U	
950EX386(3.0)	09/22/98	Copper	7.5	88		
950EX386(3.0)	09/22/98	Lead	41	477	J-	
950EX386(3.0)	09/22/98	Zinc	44	89	J+	

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 23 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX387(5.0)	10/05/98	Cadmium	0.31	3.99	U	
950EX387(5.0)	10/05/98	Copper	13	88		
950EX387(5.0)	10/05/98	Lead	51	477		
950EX387(5.0)	10/05/98	Zinc	70	89		
950EX389(4.0)	10/05/98	Cadmium	0.31	3.99	U	
950EX389(4.0)	10/05/98	Copper	4.6	88		
950EX389(4.0)	10/05/98	Lead	6	477	J	
950EX389(4.0)	10/05/98	Zinc	17	89		
950EX400(1.0)	09/24/98	Cadmium	0.3	3.99	U	
950EX400(1.0)	09/24/98	Copper	4.4	88		
950EX400(1.0)	09/24/98	Lead	11	477		
950EX400(1.0)	09/24/98	Zinc	15	89		
950EX401(2.0)	09/24/98	Cadmium	0.31	3.99	U	
950EX401(2.0)	09/24/98	Copper	5	88		
950EX401(2.0)	09/24/98	Lead	17	477		
950EX401(2.0)	09/24/98	Zinc	26	89		
950EX403(2.0)	09/24/98	Cadmium	0.31	3.99	U	
950EX403(2.0)	09/24/98	Copper	8.6	88		
950EX403(2.0)	09/24/98	Lead	33	477		
950EX403(2.0)	09/24/98	Zinc	39	89		
950EX404(2.0)	09/24/98	Cadmium	0.31	3.99	U	
950EX404(2.0)	09/24/98	Copper	15	88		
950EX404(2.0)	09/24/98	Lead	25	477		
950EX404(2.0)	09/24/98	Zinc	31	89		
950EX405(2.0)	09/24/98	Cadmium	0.32	3.99	U	
950EX405(2.0)	09/24/98	Copper	14	88		
950EX405(2.0)	09/24/98	Lead	180	477		
950EX405(2.0)	09/24/98	Zinc	81	89		
950EX408(4.0)	11/13/98	Cadmium	0.31	3.99		
950EX408(4.0)	11/13/98	Copper	9.1	88		
950EX408(4.0)	11/13/98	Lead	26	477		
950EX408(4.0)	11/13/98	Zinc	20	89		
950EX409(2.0)	09/28/98	Cadmium	0.31	3.99	UJ	
950EX409(2.0)	09/28/98	Copper	19	88		
950EX409(2.0)	09/28/98	Lead	160	477		
950EX409(2.0)	09/28/98	Zinc	58	89		
950EX410(3.5)	12/23/98	Cadmium	0.34	3.99	U	
950EX410(3.5)	12/23/98	Copper	28	88		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 24 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX410(3.5)	12/23/98	Lead	45	477		
950EX410(3.5)	12/23/98	Zinc	47	89		
950EX411(4.0)	12/03/99	Cadmium	0.45	3.99		
950EX411(4.0)	12/03/99	Copper	4.6	88		
950EX411(4.0)	12/03/99	Lead	11	477	U	
950EX411(4.0)	12/03/99	Zinc	9.8	89		
950EX411(4.0)DUP	12/03/98	Cadmium	0.39	3.99		950DUP120398A
950EX411(4.0)DUP	12/03/98	Copper	4	88		
950EX411(4.0)DUP	12/03/98	Lead	11	477	U	
950EX411(4.0)DUP	12/03/98	Zinc	11	89		
950EX416(2.0)	09/28/98	Cadmium	0.3	3.99	U	
950EX416(2.0)	09/28/98	Copper	8.9	88		
950EX416(2.0)	09/28/98	Lead	5.8	477	J	
950EX416(2.0)	09/28/98	Zinc	33	89		
950EX417(2.0)	09/28/98	Cadmium	0.3	3.99	U	
950EX417(2.0)	09/28/98	Copper	13	88		
950EX417(2.0)	09/28/98	Lead	13	477		
950EX417(2.0)	09/28/98	Zinc	27	89		
950EX423(1.5)	09/29/98	Cadmium	0.3	3.99	U	
950EX423(1.5)	09/29/98	Copper	15	88		
950EX423(1.5)	09/29/98	Lead	15	477		
950EX423(1.5)	09/29/98	Zinc	34	89		
950EX424(1.5)	09/29/98	Cadmium	0.3	3.99	U	
950EX424(1.5)	09/29/98	Copper	29	88		
950EX424(1.5)	09/29/98	Lead	120	477		
950EX424(1.5)	09/29/98	Zinc	19	89		
950EX425(2.0)	09/30/98	Cadmium	0.3	3.99	U	
950EX425(2.0)	09/30/98	Copper	3.8	88	J-	
950EX425(2.0)	09/30/98	Lead	5.6	477	J	
950EX425(2.0)	09/30/98	Zinc	17	89		
950EX426(0.5)	09/30/98	Cadmium	0.3	3.99	U	
950EX426(0.5)	09/30/98	Copper	21	88		
950EX426(0.5)	09/30/98	Lead	26	477		
950EX426(0.5)	09/30/98	Zinc	49	89		
950EX427(1.5)	09/29/98	Cadmium	0.18	3.99	J	
950EX427(1.5)	09/29/98	Copper	8	88		
950EX427(1.5)	09/29/98	Lead	270	477		
950EX427(1.5)	09/29/98	Zinc	83	89		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 25 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX428(2.0)	09/30/98	Cadmium	0.3	3.99	U	
950EX428(2.0)	09/30/98	Copper	4.8	88	J-	
950EX428(2.0)	09/30/98	Lead	14	477		
950EX428(2.0)	09/30/98	Zinc	15	89		
950EX429(1.0)	09/30/98	Cadmium	0.3	3.99	U	
950EX429(1.0)	09/30/98	Copper	5.5	88		
950EX429(1.0)	09/30/98	Lead	6.3	477	J	
950EX429(1.0)	09/30/98	Zinc	23	89		
950EX429(1.0)DUP	09/30/98	Cadmium	0.3	3.99	U	950DUP093098A
950EX429(1.0)DUP	09/30/98	Copper	6.2	88		
950EX429(1.0)DUP	09/30/98	Lead	5.7	477	J	
950EX429(1.0)DUP	09/30/98	Zinc	22	89		
950EX430(1.0)	09/30/98	Cadmium	0.3	3.99	U	
950EX430(1.0)	09/30/98	Copper	5.2	88		
950EX430(1.0)	09/30/98	Lead	5.6	477	J	
950EX430(1.0)	09/30/98	Zinc	21	89		
950EX431(2.5)	09/30/98	Cadmium	0.3	3.99	U	
950EX431(2.5)	09/30/98	Copper	4.4	88		
950EX431(2.5)	09/30/98	Lead	7.3	477	J	
950EX431(2.5)	09/30/98	Zinc	15	89		
950EX432(2.5)	09/30/98	Cadmium	0.3	3.99	U	
950EX432(2.5)	09/30/98	Copper	15	88		
950EX432(2.5)	09/30/98	Lead	110	477		
950EX432(2.5)	09/30/98	Zinc	55	89		
950EX433(2.5)	09/30/98	Cadmium	0.18	3.99	J	
950EX433(2.5)	09/30/98	Copper	20	88		
950EX433(2.5)	09/30/98	Lead	84	477		
950EX433(2.5)	09/30/98	Zinc	77	89		
950EX434(3.0)	09/30/98	Cadmium	0.3	3.99	U	
950EX434(3.0)	09/30/98	Copper	3.6	88		
950EX434(3.0)	09/30/98	Lead	10	477	U	
950EX434(3.0)	09/30/98	Zinc	13	89		
950EX436(2.0)	10/01/98	Cadmium	0.33	3.99	UJ	
950EX436(2.0)	10/01/98	Copper	18	88		
950EX436(2.0)	10/01/98	Lead	14	477		
950EX436(2.0)	10/01/98	Zinc	29	89		
950EX439(1.5)	10/05/98	Cadmium	0.3	3.99	U	
950EX439(1.5)	10/05/98	Copper	19	88		

Footnotes at end of table.

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Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 26 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX439(1.5)	10/05/98	Lead	27	477		
950EX439(1.5)	10/05/98	Zinc	50	89		
950EX440(1.5)	10/05/98	Cadmium	0.31	3.99	U	
950EX440(1.5)	10/05/98	Copper	32	88		
950EX440(1.5)	10/05/98	Lead	63	477		
950EX440(1.5)	10/05/98	Zinc	74	89		
950EX442(3.0)	10/06/98	Cadmium	0.32	3.99	U	
950EX442(3.0)	10/06/98	Copper	12	88		
950EX442(3.0)	10/06/98	Lead	86	477		
950EX442(3.0)	10/06/98	Zinc	69	89	J+	
950EX443(3.0)	10/06/98	Cadmium	0.32	3.99	U	
950EX443(3.0)	10/06/98	Copper	11	88		
950EX443(3.0)	10/06/98	Lead	46	477		
950EX443(3.0)	10/06/98	Zinc	40	89	J+	
950EX444(4.0)	10/06/98	Cadmium	0.32	3.99	U	
950EX444(4.0)	10/06/98	Copper	17	88		
950EX444(4.0)	10/06/98	Lead	45	477		
950EX444(4.0)	10/06/98	Zinc	68	89	J+	
950EX445(3.5)	10/06/98	Cadmium	0.31	3.99	U	
950EX445(3.5)	10/06/98	Copper	12	88		
950EX445(3.5)	10/06/98	Lead	80	477		
950EX445(3.5)	10/06/98	Zinc	78	89	J+	
950EX446(2.0)	10/06/98	Cadmium	0.3	3.99	U	
950EX446(2.0)	10/06/98	Copper	7.2	88		
950EX446(2.0)	10/06/98	Lead	23	477		
950EX446(2.0)	10/06/98	Zinc	41	89	J+	
950EX447(1.5)	10/06/98	Cadmium	0.3	3.99	U	
950EX447(1.5)	10/06/98	Copper	7.8	88		
950EX447(1.5)	10/06/98	Lead	32	477		
950EX447(1.5)	10/06/98	Zinc	41	89	J+	
950EX449(1.0)	10/16/98	Cadmium	0.33	3.99	U	
950EX449(1.0)	10/16/98	Copper	20	88		
950EX449(1.0)	10/16/98	Lead	21	477		
950EX449(1.0)	10/16/98	Zinc	49	89		
950EX450(1.0)	10/16/98	Cadmium	0.33	3.99	U	
950EX450(1.0)	10/16/98	Copper	15	88		
950EX450(1.0)	10/16/98	Lead	36	477		
950EX450(1.0)	10/16/98	Zinc	46	89		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 27 of 35)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX451(1.0)	10/16/98	Cadmium	0.31	3.99	U	
950EX451(1.0)	10/16/98	Copper	12	88		
950EX451(1.0)	10/16/98	Lead	170	477		
950EX451(1.0)	10/16/98	Zinc	72	89		
950EX452(3.0)5	10/27/98	Cadmium	0.33	3.99	U	
950EX452(3.0)5	10/27/98	Copper	34	88		
950EX452(3.0)5	10/27/98	Lead	81	477		
950EX452(3.0)5	10/27/98	Zinc	71	89		
950EX453(3.0)	10/21/98	Cadmium	0.31	3.99	U	
950EX453(3.0)	10/21/98	Copper	5	88		
950EX453(3.0)	10/21/98	Lead	10	477	U	
950EX453(3.0)	10/21/98	Zinc	18	89		
950EX455(1.0)10	12/10/98	Cadmium	0.96	3.99		
950EX455(1.0)10	12/10/98	Copper	15	88		
950EX455(1.0)10	12/10/98	Lead	15	477		
950EX455(1.0)10	12/10/98	Zinc	30	89		
950EX457(1.0)5	12/02/98	Cadmium	0.32	3.99	U	
950EX457(1.0)5	12/02/98	Copper	2.7	88		
950EX457(1.0)5	12/02/98	Lead	10	477	U	
950EX457(1.0)5	12/02/98	Zinc	17	89		
950EX458(1.0)	11/09/98	Cadmium	0.47	3.99		
950EX458(1.0)	11/09/98	Copper	31	88		
950EX458(1.0)	11/09/98	Lead	120	477		
950EX458(1.0)	11/09/98	Zinc	77	89		
950EX459(1.0)	11/09/98	Cadmium	0.39	3.99		
950EX459(1.0)	11/09/98	Copper	9.5	88	U	
950EX459(1.0)	11/09/98	Lead	36	477		
950EX459(1.0)	11/09/98	Zinc	45	89		
950EX460(1.0)	11/09/98	Cadmium	0.32	3.99	U	
950EX460(1.0)	11/09/98	Copper	16	88		
950EX460(1.0)	11/09/98	Lead	44	477		
950EX460(1.0)	11/09/98	Zinc	33	89		
950EX461(1.0)	11/09/98	Cadmium	0.31	3.99	U	
950EX461(1.0)	11/09/98	Copper	3.9	88	U	
950EX461(1.0)	11/09/98	Lead	12	477		
950EX461(1.0)	11/09/98	Zinc	17	89		
950EX462(2.0)	11/13/98	Cadmium	0.31	3.99	U	
950EX462(2.0)	11/13/98	Copper	10	88		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 28 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX462(2.0)	11/13/98	Lead	35	477		
950EX462(2.0)	11/13/98	Zinc	20	89		
950EX462(2.0)DUP	11/13/98	Cadmium	0.31	3.99	U	950DUP111398A
950EX462(2.0)DUP	11/13/98	Copper	7.7	88		
950EX462(2.0)DUP	11/13/98	Lead	39	477		
950EX462(2.0)DUP	11/13/98	Zinc	19	89		
950EX463(2.0)	11/13/98	Cadmium	0.3	3.99	U	
950EX463(2.0)	11/13/98	Copper	11	88		
950EX463(2.0)	11/13/98	Lead	33	477		
950EX463(2.0)	11/13/98	Zinc	33	89		
950EX464(2.0)	11/13/98	Cadmium	0.31	3.99	U	
950EX464(2.0)	11/13/98	Copper	8.4	88		
950EX464(2.0)	11/13/98	Lead	82	477		
950EX464(2.0)	11/13/98	Zinc	43	89		
950EX464(2.0)DUP	11/13/98	Cadmium	0.32	3.99	U	950DUP111398B
950EX464(2.0)DUP	11/13/98	Copper	8.2	88		
950EX464(2.0)DUP	11/13/98	Lead	44	477		
950EX464(2.0)DUP	11/13/98	Zinc	38	89		
950EX466(3.0)	12/02/98	Cadmium	1.1	3.99		
950EX466(3.0)	12/02/98	Copper	38	88		
950EX466(3.0)	12/02/98	Lead	62	477		
950EX466(3.0)	12/02/98	Zinc	68	89		
950EX467(1.0)	12/02/98	Cadmium	0.66	3.99		
950EX467(1.0)	12/02/98	Copper	52	88		
950EX467(1.0)	12/02/98	Lead	98	477		
950EX467(1.0)	12/02/98	Zinc	62	89		
950EX469(1.0)	12/02/98	Cadmium	0.7	3.99		
950EX469(1.0)	12/02/98	Copper	20	88		
950EX469(1.0)	12/02/98	Lead	39	477		
950EX469(1.0)	12/02/98	Zinc	43	89		
950EX469(1.0)DUP	12/02/98	Cadmium	0.67	3.99		950DUP120298A
950EX469(1.0)DUP	12/02/98	Copper	21	88		
950EX469(1.0)DUP	12/02/98	Lead	42	477		
950EX469(1.0)DUP	12/02/98	Zinc	36	89		
950EX470(1.0)	12/03/98	Cadmium	0.66	3.99		
950EX470(1.0)	12/03/98	Copper	11	88		
950EX470(1.0)	12/03/98	Lead	12	477	U	
950EX470(1.0)	12/03/98	Zinc	28	89		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 29 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX472(2.0)	12/02/98	Cadmium	0.36	3.99		
950EX472(2.0)	12/02/98	Copper	7.2	88	U	
950EX472(2.0)	12/02/98	Lead	39	477		
950EX472(2.0)	12/02/98	Zinc	27	89		
950EX472(2.0)DUP	12/02/98	Cadmium	0.36	3.99		950DUP120298C
950EX472(2.0)DUP	12/02/98	Copper	6.7	88	U	
950EX472(2.0)DUP	12/02/98	Lead	22	477		
950EX472(2.0)DUP	12/02/98	Zinc	23	89		
950EX475(2.0)	12/03/98	Cadmium	0.34	3.99		
950EX475(2.0)	12/03/98	Copper	8.8	88		
950EX475(2.0)	12/03/98	Lead	13	477		
950EX475(2.0)	12/03/98	Zinc	26	89		
950EX476(2.0)	12/03/98	Cadmium	0.32	3.99	U	
950EX476(2.0)	12/03/98	Copper	9.5	88		
950EX476(2.0)	12/03/98	Lead	37	477		
950EX476(2.0)	12/03/98	Zinc	24	89		
950EX477(2.0)	12/03/98	Cadmium	0.93	3.99		
950EX477(2.0)	12/03/98	Copper	20	88	J+	
950EX477(2.0)	12/03/98	Lead	96	477	J+	
950EX477(2.0)	12/03/98	Zinc	37	89	J+	
950EX477(2.0)DUP	12/03/98	Cadmium	0.92	3.99		950DUP120398B
950EX477(2.0)DUP	12/03/98	Copper	11	88	J+	
950EX477(2.0)DUP	12/03/98	Lead	16	477	J+	
950EX477(2.0)DUP	12/03/98	Zinc	34	89	J+	
950EX479(1.5)	12/03/98	Cadmium	0.57	3.99		
950EX479(1.5)	12/03/98	Copper	24	88	J+	
950EX479(1.5)	12/03/98	Lead	49	477	J+	
950EX479(1.5)	12/03/98	Zinc	38	89	J+	
950EX480(2.5)	12/03/98	Cadmium	0.7	3.99		
950EX480(2.5)	12/03/98	Copper	15	88	J+	
950EX480(2.5)	12/03/98	Lead	62	477	J+	
950EX480(2.5)	12/03/98	Zinc	69	89	J+	
950EX481(3.0)8	12/15/98	Cadmium	0.18	3.99	UJ	
950EX481(3.0)8	12/15/98	Copper	16	88		
950EX481(3.0)8	12/15/98	Lead	44	477		
950EX481(3.0)8	12/15/98	Zinc	48	89	J+	
950EX483(4.0)	12/10/98	Cadmium	0.33	3.99	U	
950EX483(4.0)	12/10/98	Copper	14	88		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 30 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX483(4.0)	12/10/98	Lead	44	477		
950EX483(4.0)	12/10/98	Zinc	53	89		
950EX484(4.0)	12/10/98	Cadmium	0.34	3.99	U	
950EX484(4.0)	12/10/98	Copper	44	88		
950EX484(4.0)	12/10/98	Lead	160	477		
950EX484(4.0)	12/10/98	Zinc	67	89		
950EX485(4.0)	12/10/98	Cadmium	0.34	3.99	U	
950EX485(4.0)	12/10/98	Copper	28	88		
950EX485(4.0)	12/10/98	Lead	140	477		
950EX485(4.0)	12/10/98	Zinc	84	89		
950EX486(5.5)	12/10/98	Cadmium	0.39	3.99	U	
950EX486(5.5)	12/10/98	Copper	30	88		
950EX486(5.5)	12/10/98	Lead	62	477		
950EX486(5.5)	12/10/98	Zinc	71	89		
950EX487(4.0)5	12/15/98	Cadmium	0.32	3.99	UJ	
950EX487(4.0)5	12/15/98	Copper	26	88		
950EX487(4.0)5	12/15/98	Lead	29	477		
950EX487(4.0)5	12/15/98	Zinc	48	89	J+	
950EX488(4.5)20	12/23/98	Cadmium	0.31	3.99	U	
950EX488(4.5)20	12/23/98	Copper	11	88		
950EX488(4.5)20	12/23/98	Lead	37	477		
950EX488(4.5)20	12/23/98	Zinc	34	89		
950EX490(3.5)	12/14/98	Cadmium	0.31	3.99	U	
950EX490(3.5)	12/14/98	Copper	8.5	88		
950EX490(3.5)	12/14/98	Lead	6.7	477	J	
950EX490(3.5)	12/14/98	Zinc	21	89		
950EX491(4.5)	12/14/98	Cadmium	0.31	3.99	U	
950EX491(4.5)	12/14/98	Copper	5	88		
950EX491(4.5)	12/14/98	Lead	6.8	477	J	
950EX491(4.5)	12/14/98	Zinc	18	89		
950EX492(3.5)	12/14/98	Cadmium	0.31	3.99	U	
950EX492(3.5)	12/14/98	Copper	5.2	88		
950EX492(3.5)	12/14/98	Lead	8.1	477	J	
950EX492(3.5)	12/14/98	Zinc	19	89		
950EX493(3.5)	12/14/98	Cadmium	0.31	3.99	U	
950EX493(3.5)	12/14/98	Copper	4.3	88	U	
950EX493(3.5)	12/14/98	Lead	7.9	477	J	
950EX493(3.5)	12/14/98	Zinc	19	89		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 31 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX494(2.5)10	01/04/99	Cadmium	0.32	3.99		
950EX494(2.5)10	01/04/99	Copper	8.3	88		
950EX494(2.5)10	01/04/99	Lead	55	477		
950EX494(2.5)10	01/04/99	Zinc	25	89	J-	
950EX494(2.5)10DUP	01/04/99	Cadmium	0.36	3.99		950DUP010499B
950EX494(2.5)10DUP	01/04/99	Copper	8.2	88		
950EX494(2.5)10DUP	01/04/99	Lead	51	477		
950EX494(2.5)10DUP	01/04/99	Zinc	27	89	J-	
950EX496(1.0)5	12/23/98	Cadmium	0.63	3.99	U	
950EX496(1.0)5	12/23/98	Copper	14	88		
950EX496(1.0)5	12/23/98	Lead	120	477		
950EX496(1.0)5	12/23/98	Zinc	84	89		
950EX497(2.0)	12/15/98	Cadmium	0.31	3.99	UJ	
950EX497(2.0)	12/15/98	Copper	4.3	88		
950EX497(2.0)	12/15/98	Lead	10	477	U	
950EX497(2.0)	12/15/98	Zinc	14	89	J+	
950EX497(2.0)DUP	12/15/98	Cadmium	0.31	3.99	UJ	950DUP121598B
950EX497(2.0)DUP	12/15/98	Copper	4.2	88		
950EX497(2.0)DUP	12/15/98	Lead	7.2	477	J	
950EX497(2.0)DUP	12/15/98	Zinc	14	89	J+	
950EX498(4.5)	12/15/98	Cadmium	0.31	3.99	UJ	
950EX498(4.5)	12/15/98	Copper	7.2	88		
950EX498(4.5)	12/15/98	Lead	21	477		
950EX498(4.5)	12/15/98	Zinc	31	89	J+	
950EX499(4.5)	12/15/98	Cadmium	0.31	3.99	UJ	
950EX499(4.5)	12/15/98	Copper	5	88		
950EX499(4.5)	12/15/98	Lead	19	477		
950EX499(4.5)	12/15/98	Zinc	26	89	J+	
950EX500(2.0)	12/15/98	Cadmium	0.32	3.99	UJ	
950EX500(2.0)	12/15/98	Copper	14	88		
950EX500(2.0)	12/15/98	Lead	52	477		
950EX500(2.0)	12/15/98	Zinc	69	89	J+	
950EX501(2.5)	12/15/98	Cadmium	0.32	3.99	UJ	
950EX501(2.5)	12/15/98	Copper	9	88		
950EX501(2.5)	12/15/98	Lead	25	477		
950EX501(2.5)	12/15/98	Zinc	59	89	J+	
950EX502(4.0)	12/15/98	Cadmium	0.31	3.99	UJ	
950EX502(4.0)	12/15/98	Copper	9.8	88		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 32 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX502(4.0)	12/15/98	Lead	89	477		
950EX502(4.0)	12/15/98	Zinc	54	89	J+	
950EX503(4.0)	12/15/98	Cadmium	0.31	3.99	UJ	
950EX503(4.0)	12/15/98	Copper	5	88		
950EX503(4.0)	12/15/98	Lead	10	477	U	
950EX503(4.0)	12/15/98	Zinc	16	89	J+	
950EX504(4.0)	12/15/98	Cadmium	0.32	3.99	UJ	
950EX504(4.0)	12/15/98	Copper	5.7	88		
950EX504(4.0)	12/15/98	Lead	14	477		
950EX504(4.0)	12/15/98	Zinc	28	89	J+	
950EX505(4.5)	12/15/98	Cadmium	0.3	3.99	UJ	
950EX505(4.5)	12/15/98	Copper	7.1	88		
950EX505(4.5)	12/15/98	Lead	27	477		
950EX505(4.5)	12/15/98	Zinc	27	89	J+	
950EX505(4.5)DUP	12/15/98	Cadmium	0.31	3.99	UJ	950DUP121598A
950EX505(4.5)DUP	12/15/98	Copper	7.3	88		
950EX505(4.5)DUP	12/15/98	Lead	34	477		
950EX505(4.5)DUP	12/15/98	Zinc	28	89	J+	
950EX506(3.0)	12/15/98	Cadmium	0.3	3.99	UJ	
950EX506(3.0)	12/15/98	Copper	5.8	88		
950EX506(3.0)	12/15/98	Lead	9	477	J	
950EX506(3.0)	12/15/98	Zinc	19	89	J+	
950EX507(2.0)	12/15/98	Cadmium	0.31	3.99	UJ	
950EX507(2.0)	12/15/98	Copper	4.4	88		
950EX507(2.0)	12/15/98	Lead	10	477	U	
950EX507(2.0)	12/15/98	Zinc	14	89	J+	
950EX511(5.0)	12/23/98	Cadmium	0.31	3.99	U	
950EX511(5.0)	12/23/98	Copper	7	88		
950EX511(5.0)	12/23/98	Lead	41	477		
950EX511(5.0)	12/23/98	Zinc	47	89		
950EX512(2.0)5	12/23/98	Cadmium	0.65	3.99	U	
950EX512(2.0)5	12/23/98	Copper	18	88		
950EX512(2.0)5	12/23/98	Lead	140	477		
950EX512(2.0)5	12/23/98	Zinc	67	89		
950EX513(5.0)	12/16/98	Cadmium	0.31	3.99	U	
950EX513(5.0)	12/16/98	Copper	4.8	88		
950EX513(5.0)	12/16/98	Lead	17	477	J+	
950EX513(5.0)	12/16/98	Zinc	23	89	J+	

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 33 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX514(3.0)	12/16/98	Cadmium	0.2	3.99	J	
950EX514(3.0)	12/16/98	Copper	10	88		
950EX514(3.0)	12/16/98	Lead	30	477	J+	
950EX514(3.0)	12/16/98	Zinc	39	89	J+	
950EX514(3.0)DUP	12/16/98	Cadmium	0.31	3.99	U	950DUP121698A
950EX514(3.0)DUP	12/16/98	Copper	9.9	88		
950EX514(3.0)DUP	12/16/98	Lead	24	477	J+	
950EX514(3.0)DUP	12/16/98	Zinc	36	89	J+	
950EX518(2.0)2	01/12/99	Cadmium	0.42	3.99		
950EX518(2.0)2	01/12/99	Copper	13	88		
950EX518(2.0)2	01/12/99	Lead	44	477		
950EX518(2.0)2	01/12/99	Zinc	66	89		
950EX520(2.0)20	01/04/99	Cadmium	0.31	3.99	U	
950EX520(2.0)20	01/04/99	Copper	3	88		
950EX520(2.0)20	01/04/99	Lead	20	477		
950EX520(2.0)20	01/04/99	Zinc	18	89		
950EX521(2.0)	12/17/98	Cadmium	0.37	3.99	U	
950EX521(2.0)	12/17/98	Copper	21	88		
950EX521(2.0)	12/17/98	Lead	40	477		
950EX521(2.0)	12/17/98	Zinc	69	89	J-	
950EX522(3.5)	12/23/98	Cadmium	0.31	3.99	U	
950EX522(3.5)	12/23/98	Copper	25	88		
950EX522(3.5)	12/23/98	Lead	70	477		
950EX522(3.5)	12/23/98	Zinc	51	89		
950EX523(3.0)	01/07/99	Cadmium	0.31	3.99	U	
950EX523(3.0)	01/07/99	Copper	4	88		
950EX523(3.0)	01/07/99	Lead	15	477		
950EX523(3.0)	01/07/99	Zinc	16	89		
950EX524(1.0)	01/19/99	Cadmium	0.36	3.99	U	
950EX524(1.0)	01/19/99	Copper	7.7	88		
950EX524(1.0)	01/19/99	Lead	12	477	U	
950EX524(1.0)	01/19/99	Zinc	21	89		
950EX525(1.0)8	01/26/99	Cadmium	0.31	3.99	UJ	
950EX525(1.0)8	01/26/99	Copper	8.4	88		
950EX525(1.0)8	01/26/99	Lead	35	477	J+	
950EX525(1.0)8	01/26/99	Zinc	43	89		
950EX527(1.0)	01/21/99	Cadmium	0.33	3.99	UJ	
950EX527(1.0)	01/21/99	Copper	10	88	J-	

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 34 of 35)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX527(1.0)	01/21/99	Lead	50	477		
950EX527(1.0)	01/21/99	Zinc	46	89	J-	
950EX528(2.0)	01/21/99	Cadmium	0.32	3.99	UJ	
950EX528(2.0)	01/21/99	Copper	11	88	J-	
950EX528(2.0)	01/21/99	Lead	130	477		
950EX528(2.0)	01/21/99	Zinc	52	89	J-	
950EX528(2.0)DUP	01/21/99	Cadmium	0.33	3.99	UJ	950DUP012199A
950EX528(2.0)DUP	01/21/99	Copper	12	88	J-	
950EX528(2.0)DUP	01/21/99	Lead	110	477		
950EX528(2.0)DUP	01/21/99	Zinc	67	89	J-	
950EX529(2.0)5	01/26/99	Cadmium	0.38	3.99	UJ	
950EX529(2.0)5	01/26/99	Copper	14	88		
950EX529(2.0)5	01/26/99	Lead	32	477	J+	
950EX529(2.0)5	01/26/99	Zinc	42	89		
950EX531(4.0)	03/02/99	Cadmium	0.34	3.99	U	
950EX531(4.0)	03/02/99	Copper	23	88		
950EX531(4.0)	03/02/99	Lead	7	477	J	
950EX531(4.0)	03/02/99	Zinc	73	89		
950EX532(3.5)10	03/08/99	Cadmium	0.32	3.99	U	
950EX532(3.5)10	03/08/99	Copper	14	88		
950EX532(3.5)10	03/08/99	Lead	8.7	477	J	
950EX532(3.5)10	03/08/99	Zinc	26	89		
950EX532(3.5)10DUP	03/08/99	Cadmium	0.33	3.99	U	950DUP030899A
950EX532(3.5)10DUP	03/08/99	Copper	22	88		
950EX532(3.5)10DUP	03/08/99	Lead	14	477		
950EX532(3.5)10DUP	03/08/99	Zinc	37	89		
950EX533(3.5)5	03/08/99	Cadmium	0.33	3.99	U	
950EX533(3.5)5	03/08/99	Copper	39	88		
950EX533(3.5)5	03/08/99	Lead	120	477		
950EX533(3.5)5	03/08/99	Zinc	61	89		
950EX534(3.5)20	03/08/99	Cadmium	0.34	3.99	U	
950EX534(3.5)20	03/08/99	Copper	34	88		
950EX534(3.5)20	03/08/99	Lead	50	477		
950EX534(3.5)20	03/08/99	Zinc	48	89		
950EX536(5.0)10	03/11/99	Cadmium	0.35	3.99	U	
950EX536(5.0)10	03/11/99	Copper	23	88		
950EX536(5.0)10	03/11/99	Lead	32	477		
950EX536(5.0)10	03/11/99	Zinc	50	89		

Table A - 7
Building 950 Area
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 35 of 35)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
950EX536(5.0)10DUP	03/11/99	Cadmium	0.34	3.99	U	950DUP031099A
950EX536(5.0)10DUP	03/11/99	Copper	25	88		
950EX536(5.0)10DUP	03/11/99	Lead	310	477		
950EX536(5.0)10DUP	03/11/99	Zinc	53	89		
950EX537(5.0)20	03/11/99	Cadmium	0.32	3.99	U	
950EX537(5.0)20	03/11/99	Copper	8.9	88		
950EX537(5.0)20	03/11/99	Lead	21	477		
950EX537(5.0)20	03/11/99	Zinc	34	89		
950EX538(5.0)10	03/11/99	Cadmium	0.25	3.99	J	
950EX538(5.0)10	03/11/99	Copper	36	88		
950EX538(5.0)10	03/11/99	Lead	83	477		
950EX538(5.0)10	03/11/99	Zinc	82	89		
950EX539(5.0)10	03/10/99	Cadmium	0.33	3.99	U	
950EX539(5.0)10	03/10/99	Copper	18	88		
950EX539(5.0)10	03/10/99	Lead	71	477		
950EX539(5.0)10	03/10/99	Zinc	80	89		
950EX539(5.0)10DUP	03/10/99	Cadmium	0.2	3.99	J	950DUP031099B
950EX539(5.0)10DUP	03/10/99	Copper	22	88		
950EX539(5.0)10DUP	03/10/99	Lead	79	477		
950EX539(5.0)10DUP	03/10/99	Zinc	85	89		

^a milligrams per kilogram

^b Soil cleanup levels established in the *Final Remedial Action Plan, Crissy Field Area* (Army, 1998)

^c Qualifiers

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately measure the analyte in the sample.

"-" - Analytical result biased low

"+" - Analytical result biased high

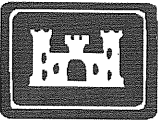
^d Depth of sample in feet below original ground surface is in parentheses

^e duplicate sample

^f Sample identification number as it appears on chain-of-custody forms

^g "A" in sample number denotes a resample

Checked by: UB 6-2-99
Approved by: C. P. L. 6/2/99



**U.S. Army Corps of Engineers
Sacramento District**

***SOIL REMEDIATION CLOSURE REPORT
CRISSY FIELD AREA
PRESIDIO OF SAN FRANCISCO, CALIFORNIA***

June 1999

***Sacramento TERC
Contract No. DACW05-95-D-0001***



**INTERNATIONAL
TECHNOLOGY
CORPORATION**

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 1 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
Excavation 1						
923EX048(1.0)8 ^d	12/28/98	cis-1,2-Dichloroethene	0.0053	467	U	
923EX048(1.0)8	12/28/98	trans-1,2-Dichloroethene	0.0053	1,027	U	
923EX048(1.0)8	12/28/98	Trichloroethene	0.0053	1.3	U	
923EX048(1.0)8	12/28/98	Vinyl Chloride	0.011	3.0	U	
923EX048(1.0)8	12/28/98	Methylene Chloride	0.0053	54	U	
923EX048(1.0)8	12/28/98	Acetone	0.021	6,300	U	
923EX048(1.0)8	12/28/98	Bromodichloromethane	0.0053	1.89	U	
923EX048(1.0)8	12/28/98	Bromoform	0.0053	168	U	
923EX048(1.0)8	12/28/98	Bromomethane	0.011	20.4	U	
923EX048(1.0)8	12/28/98	2-Butanone	0.021	21,300	U	
923EX048(1.0)8	12/28/98	Carbon Disulfide	0.0053	22.5	U	
923EX048(1.0)8	12/28/98	Carbon Tetrachloride	0.0053	0.69	U	
923EX048(1.0)8	12/28/98	Chlorobenzene	0.0053	195	U	
923EX048(1.0)8	12/28/98	Chloroethane	0.011	3,300	U	
923EX048(1.0)8	12/28/98	Chloroform	0.0053	0.75	U	
923EX048(1.0)8	12/28/98	Chloromethane	0.011	3.6	U	
923EX048(1.0)8	12/28/98	Dibromochloromethane	0.0053	15.9	U	
923EX048(1.0)8	12/28/98	1,2-Dichlorobenzene	0.0053	2,100	U	
923EX048(1.0)8	12/28/98	1,3-Dichlorobenzene	0.0053	1,500	U	
923EX048(1.0)8	12/28/98	1,4-Dichlorobenzene	0.0053	10.8	U	
923EX048(1.0)8	12/28/98	1,1-Dichloroethane	0.0053	1,500	U	
923EX048(1.0)8	12/28/98	1,2-Dichloroethane	0.0053	0.75	U	
923EX048(1.0)8	12/28/98	1,1-Dichloroethene	0.0053	0.111	U	
923EX048(1.0)8	12/28/98	1,2-Dichloropropane	0.0053	0.93	U	
923EX048(1.0)8	12/28/98	1,3-Dichloropropene	0.0106	0.75	U	
923EX048(1.0)8	12/28/98	2-Hexanone	0.021	NA ^e	U	
923EX048(1.0)8	12/28/98	4-Methyl-2-Pentanone	0.021	2,310	U	
923EX048(1.0)8	12/28/98	Styrene	0.0053	2,040	U	
923EX048(1.0)8	12/28/98	1,1,2,2-Tetrachloroethane	0.0053	1.35	U	
923EX048(1.0)8	12/28/98	Tetrachloroethene	0.0053	15	U	
923EX048(1.0)8	12/28/98	1,1,1-Trichloroethane	0.0053	3,600	U	
923EX048(1.0)8	12/28/98	1,1,2-Trichloroethane	0.0053	1.95	U	
923EX048(1.0)8	12/28/98	Trichlorofluoromethane	0.011	1,140	U	
923EX048(1.0)8	12/28/98	Vinyl Acetate	0.011	2,340	U	
923EX048(1.0)8	12/28/98	Gasoline	1.1	610	U	
923EX048(1.0)8	12/28/98	Diesel	11	700	U	
923EX048(1.0)8	12/28/98	Fuel Oil	19	980		
923EX048(1.0)8	12/28/98	Benzene	0.0053	1.5	U	

Footnotes at end of table.
L:\CF Closure\TBL923.XLS

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 2 of 72)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX048(1.0)8	12/28/98	Toluene	0.0053	270	U	
923EX048(1.0)8	12/28/98	Ethylbenzene	0.0053	125	U	
923EX048(1.0)8	12/28/98	Xylenes (Total)	0.0053	55	U	
923EX048(1.0)8	12/28/98	Total Carcinogenic PAHs ^f	0.0095	13	J	
923EX048(1.0)8	12/28/98	Benzo(a)anthracene	0.0021	See Total ^g	U	
923EX048(1.0)8	12/28/98	Benzo(a)pyrene	0.0021	0.1	U	
923EX048(1.0)8	12/28/98	Benzo(b)fluoranthene	0.0013	See Total	J	
923EX048(1.0)8	12/28/98	Benzo(b)fluoranthene	0.0021	See Total	U	
923EX048(1.0)8	12/28/98	Chrysene	0.0019	See Total	J	
923EX048(1.0)8	12/28/98	Anthracene	0.35	13,800	U	
923EX048(1.0)8	12/28/98	Benzo(g,h,i)perylene	0.35	1,400	U	
923EX048(1.0)8	12/28/98	Fluoranthene	0.35	1,900	U	
923EX048(1.0)8	12/28/98	Fluorene	0.35	1,800	U	
923EX048(1.0)8	12/28/98	Naphthalene	0.35	1,100	U	
923EX048(1.0)8	12/28/98	Phenanthrene	0.35	1,400	U	
923EX048(1.0)8	12/28/98	Pyrene	0.35	1,400	U	
923EX048(1.0)8	12/28/98	PCBs ^h (Total)	0.281	1.0	U	
923EX048(1.0)8	12/28/98	Aroclor-1016	0.035	See Total ⁱ	U	
923EX048(1.0)8	12/28/98	Aroclor-1221	0.071	See Total	U	
923EX048(1.0)8	12/28/98	Aroclor-1232	0.035	See Total	U	
923EX048(1.0)8	12/28/98	Aroclor-1242	0.035	See Total	U	
923EX048(1.0)8	12/28/98	Aroclor-1248	0.035	See Total	U	
923EX048(1.0)8	12/28/98	Aroclor-1254	0.035	See Total	U	
923EX048(1.0)8	12/28/98	Aroclor-1260	0.035	See Total	U	
923EX048(1.0)8	12/28/98	Cadmium	0.32	3.99	U	
923EX048(1.0)8	12/28/98	Chromium	270	1,300		
923EX048(1.0)8	12/28/98	Copper	11	88		
923EX048(1.0)8	12/28/98	Lead	16	477		
923EX048(1.0)8	12/28/98	Mercury	0.21	2.79	U	
923EX048(1.0)8	12/28/98	Nickel	190	5,500		
923EX048(1.0)8	12/28/98	Zinc	25	89		
923EX049(1.0)	07/13/98	cis-1,2-Dichloroethene	0.0052	467	U	
923EX049(1.0)	07/13/98	trans-1,2-Dichloroethene	0.0052	1,027	U	
923EX049(1.0)	07/13/98	Trichloroethene	0.0052	1.3	U	
923EX049(1.0)	07/13/98	Vinyl Chloride	0.01	3.0	U	
923EX049(1.0)	7/13/98	Methylene Chloride	0.026	54	UJ	
923EX049(1.0)	7/13/98	Acetone	0.026	6,300	U	
923EX049(1.0)	7/13/98	Bromodichloromethane	0.0052	1.89	U	
923EX049(1.0)	7/13/98	Bromoform	0.0052	168	U	

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 3 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX049(1.0)	7/13/98	Bromomethane	0.01	20.4	U	
923EX049(1.0)	7/13/98	2-Butanone	0.01	21,300	U	
923EX049(1.0)	7/13/98	Carbon Disulfide	0.0052	22.5	U	
923EX049(1.0)	7/13/98	Carbon Tetrachloride	0.0052	0.69	U	
923EX049(1.0)	7/13/98	Chlorobenzene	0.0052	195	U	
923EX049(1.0)	7/13/98	Chloroethane	0.01	3,300	U	
923EX049(1.0)	7/13/98	Chloroform	0.0052	0.75	U	
923EX049(1.0)	7/13/98	Chloromethane	0.01	3.6	U	
923EX049(1.0)	7/13/98	Dibromochloromethane	0.0052	15.9	U	
923EX049(1.0)	7/13/98	1,2-Dichlorobenzene	0.0052	2,100	U	
923EX049(1.0)	7/13/98	1,3-Dichlorobenzene	0.0052	1,500	U	
923EX049(1.0)	7/13/98	1,4-Dichlorobenzene	0.0052	10.8	U	
923EX049(1.0)	7/13/98	1,1-Dichloroethane	0.0052	1,500	U	
923EX049(1.0)	7/13/98	1,2-Dichloroethane	0.0052	0.75	U	
923EX049(1.0)	7/13/98	1,1-Dichloroethene	0.0052	0.111	U	
923EX049(1.0)	7/13/98	1,2-Dichloropropane	0.0052	0.93	U	
923EX049(1.0)	7/13/98	1,3-Dichloropropene	0.0104	0.75	U	
923EX049(1.0)	7/13/98	2-Hexanone	0.01	NA	U	
923EX049(1.0)	7/13/98	4-Methyl-2-Pentanone	0.01	2,310	U	
923EX049(1.0)	7/13/98	Styrene	0.0052	2,040	U	
923EX049(1.0)	7/13/98	1,1,2,2-Tetrachloroethane	0.0052	1.35	U	
923EX049(1.0)	7/13/98	Tetrachloroethene	0.0052	15	U	
923EX049(1.0)	7/13/98	1,1,1-Trichloroethane	0.0052	3,600	U	
923EX049(1.0)	7/13/98	1,1,2-Trichloroethane	0.0052	1.95	U	
923EX049(1.0)	7/13/98	Trichlorofluoromethane	0.0052	1,140	U	
923EX049(1.0)	7/13/98	Vinyl Acetate	0.01	2,340	U	
923EX049(1.0)	07/13/98	Gasoline	1	610	U	
923EX049(1.0)	07/13/98	Diesel	2.7	700		
923EX049(1.0)	07/13/98	Fuel Oil	6.1	980		
923EX049(1.0)	07/13/98	Benzene	0.0052	1.5	U	
923EX049(1.0)	07/13/98	Toluene	0.0052	270	U	
923EX049(1.0)	07/13/98	Ethylbenzene	0.0052	125	U	
923EX049(1.0)	07/13/98	Xylenes (Total)	0.0052	55	U	
923EX049(1.0)	07/13/98	Total Carcinogenic PAHs	0.0105	13	U	
923EX049(1.0)	07/13/98	Benzo(a)anthracene	0.0021	See Total	U	
923EX049(1.0)	07/13/98	Benzo(a)pyrene	0.0021	0.1	U	
923EX049(1.0)	07/13/98	Benzo(b)fluoranthene	0.0021	See Total	U	
923EX049(1.0)	07/13/98	Benzo(b)fluoranthene	0.0021	See Total	U	
923EX049(1.0)	07/13/98	Chrysene	0.0021	See Total	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 4 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX049(1.0)	07/13/98	Anthracene	0.34	13,800	U	
923EX049(1.0)	07/13/98	Benzo(g,h,i)perylene	0.34	1,400	U	
923EX049(1.0)	07/13/98	Fluoranthene	0.34	1,900	U	
923EX049(1.0)	07/13/98	Fluorene	0.34	1,800	U	
923EX049(1.0)	07/13/98	Naphthalene	0.34	1,100	U	
923EX049(1.0)	07/13/98	Phenanthrene	0.34	1,400	U	
923EX049(1.0)	07/13/98	Pyrene	0.34	1,400	U	
923EX049(1.0)	07/13/98	PCBs (Total)	0.103	1.0	U	
923EX049(1.0)	07/13/98	Aroclor-1016	0.013	See Total	U	
923EX049(1.0)	07/13/98	Aroclor-1221	0.025	See Total	U	
923EX049(1.0)	07/13/98	Aroclor-1232	0.013	See Total	U	
923EX049(1.0)	07/13/98	Aroclor-1242	0.013	See Total	U	
923EX049(1.0)	07/13/98	Aroclor-1248	0.013	See Total	U	
923EX049(1.0)	07/13/98	Aroclor-1254	0.013	See Total	U	
923EX049(1.0)	07/13/98	Aroclor-1260	0.013	See Total	U	
923EX049(1.0)	07/13/98	Cadmium	0.1	3.99	U	
923EX049(1.0)	07/13/98	Chromium	600	1,300		
923EX049(1.0)	07/13/98	Copper	32	88		
923EX049(1.0)	07/13/98	Lead	24	477		
923EX049(1.0)	07/13/98	Mercury	0.042	2.79	U	
923EX049(1.0)	07/13/98	Nickel	380	5,500		
923EX049(1.0)	07/13/98	Zinc	31	89		
923EX050(1.0)	07/13/98	cis-1,2-Dichloroethene	0.0054	467	U	
923EX050(1.0)	07/13/98	trans-1,2-Dichloroethene	0.0054	1,027	U	
923EX050(1.0)	07/13/98	Trichloroethene	0.0054	1.3	U	
923EX050(1.0)	07/13/98	Vinyl Chloride	0.011	3.0	U	
923EX050(1.0)	7/13/98	Methylene Chloride	0.027	54	UJ	
923EX050(1.0)	7/13/98	Acetone	0.027	6,300	U	
923EX050(1.0)	7/13/98	Bromodichloromethane	0.0054	1.89	U	
923EX050(1.0)	7/13/98	Bromoform	0.0054	168	U	
923EX050(1.0)	7/13/98	Bromomethane	0.011	20.4	U	
923EX050(1.0)	7/13/98	2-Butanone	0.011	21,300	U	
923EX050(1.0)	7/13/98	Carbon Disulfide	0.0054	22.5	U	
923EX050(1.0)	7/13/98	Carbon Tetrachloride	0.0054	0.69	U	
923EX050(1.0)	7/13/98	Chlorobenzene	0.0054	195	U	
923EX050(1.0)	7/13/98	Chloroethane	0.011	3,300	U	
923EX050(1.0)	7/13/98	Chloroform	0.0054	0.75	U	
923EX050(1.0)	7/13/98	Chloromethane	0.011	3.6	U	
923EX050(1.0)	7/13/98	Dibromochloromethane	0.0054	15.9	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 5 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX050(1.0)	7/13/98	1,2-Dichlorobenzene	0.0054	2,100	U	
923EX050(1.0)	7/13/98	1,3-Dichlorobenzene	0.0054	1,500	U	
923EX050(1.0)	7/13/98	1,4-Dichlorobenzene	0.0054	10.8	U	
923EX050(1.0)	7/13/98	1,1-Dichloroethane	0.0054	1,500	U	
923EX050(1.0)	7/13/98	1,2-Dichloroethane	0.0054	0.75	U	
923EX050(1.0)	7/13/98	1,1-Dichloroethene	0.0054	0.111	U	
923EX050(1.0)	7/13/98	1,2-Dichloropropane	0.0054	0.93	U	
923EX050(1.0)	7/13/98	1,3-Dichloropropene	0.0108	0.75	U	
923EX050(1.0)	7/13/98	2-Hexanone	0.011	NA	U	
923EX050(1.0)	7/13/98	4-Methyl-2-Pentanone	0.011	2,310	U	
923EX050(1.0)	7/13/98	Styrene	0.0054	2,040	U	
923EX050(1.0)	7/13/98	1,1,2,2-Tetrachloroethane	0.0054	1.35	U	
923EX050(1.0)	7/13/98	Tetrachloroethene	0.0054	15	U	
923EX050(1.0)	7/13/98	1,1,1-Trichloroethane	0.0054	3,600	U	
923EX050(1.0)	7/13/98	1,1,2-Trichloroethane	0.0054	1.95	U	
923EX050(1.0)	7/13/98	Trichlorofluoromethane	0.0054	1,140	U	
923EX050(1.0)	7/13/98	Vinyl Acetate	0.011	2,340	U	
923EX050(1.0)	07/13/98	Gasoline	1.1	610	U	
923EX050(1.0)	07/13/98	Diesel	48	700		
923EX050(1.0)	07/13/98	Fuel Oil	130	980		
923EX050(1.0)	07/13/98	Benzene	0.0054	1.5	U	
923EX050(1.0)	07/13/98	Toluene	0.0054	270	U	
923EX050(1.0)	07/13/98	Ethylbenzene	0.0054	125	U	
923EX050(1.0)	07/13/98	Xylenes (Total)	0.0054	55	U	
923EX050(1.0)	07/13/98	Total Carcinogenic PAHs	0.041	13	J	
923EX050(1.0)	07/13/98	Benzo(a)anthracene	0.006	See Total	J	
923EX050(1.0)	07/13/98	Benzo(a)pyrene	0.01	0.1	U	
923EX050(1.0)	07/13/98	Benzo(b)fluoranthene	0.01	See Total	U	
923EX050(1.0)	07/13/98	Benzo(b)fluoranthene	0.01	See Total	U	
923EX050(1.0)	07/13/98	Chrysene	0.005	See Total	J	
923EX050(1.0)	07/13/98	Anthracene	0.35	13,800	U	
923EX050(1.0)	07/13/98	Benzo(g,h,i)perylene	0.35	1,400	U	
923EX050(1.0)	07/13/98	Fluoranthene	0.35	1,900	U	
923EX050(1.0)	07/13/98	Fluorene	0.35	1,800	U	
923EX050(1.0)	07/13/98	Naphthalene	0.35	1,100	U	
923EX050(1.0)	07/13/98	Phenanthrene	0.35	1,400	U	
923EX050(1.0)	07/13/98	Pyrene	0.35	1,400	U	
923EX050(1.0)	07/13/98	PCBs (Total)	0.104	1.0	U	
923EX050(1.0)	07/13/98	Aroclor-1016	0.013	See Total	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 6 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX050(1.0)	07/13/98	Aroclor-1221	0.026	See Total	U	
923EX050(1.0)	07/13/98	Aroclor-1232	0.013	See Total	U	
923EX050(1.0)	07/13/98	Aroclor-1242	0.013	See Total	U	
923EX050(1.0)	07/13/98	Aroclor-1248	0.013	See Total	U	
923EX050(1.0)	07/13/98	Aroclor-1254	0.013	See Total	U	
923EX050(1.0)	07/13/98	Aroclor-1260	0.013	See Total	U	
923EX050(1.0)	07/13/98	Cadmium	0.11	3.99	U	
923EX050(1.0)	07/13/98	Chromium	660	1,300		
923EX050(1.0)	07/13/98	Copper	20	88		
923EX050(1.0)	07/13/98	Lead	11	477		
923EX050(1.0)	07/13/98	Mercury	0.04	2.79	U	
923EX050(1.0)	07/13/98	Nickel	480	5,500		
923EX050(1.0)	07/13/98	Zinc	31	89		
923EX069(4.0)	08/10/98	cis-1,2-Dichloroethene	0.0057	467	U	
923EX069(4.0)	08/10/98	trans-1,2-Dichloroethene	0.0057	1,027	U	
923EX069(4.0)	08/10/98	Trichloroethene	0.0057	1.3	U	
923EX069(4.0)	08/10/98	Vinyl Chloride	0.011	3.0	U	
923EX069(4.0)	8/10/98	Methylene Chloride	0.028	54	U	
923EX069(4.0)	8/10/98	Acetone	0.028	6,300	U	
923EX069(4.0)	8/10/98	Bromodichloromethane	0.0057	1.89	U	
923EX069(4.0)	8/10/98	Bromoform	0.0057	168	U	
923EX069(4.0)	8/10/98	Bromomethane	0.011	20.4	U	
923EX069(4.0)	8/10/98	2-Butanone	0.011	21,300	U	
923EX069(4.0)	8/10/98	Carbon Disulfide	0.0057	22.5	U	
923EX069(4.0)	8/10/98	Carbon Tetrachloride	0.0057	0.69	U	
923EX069(4.0)	8/10/98	Chlorobenzene	0.0057	195	U	
923EX069(4.0)	8/10/98	Chloroethane	0.011	3,300	U	
923EX069(4.0)	8/10/98	Chloroform	0.0057	0.75	U	
923EX069(4.0)	8/10/98	Chloromethane	0.011	3.6	U	
923EX069(4.0)	8/10/98	Dibromochloromethane	0.0057	15.9	U	
923EX069(4.0)	8/10/98	1,2-Dichlorobenzene	0.0057	2,100	U	
923EX069(4.0)	8/10/98	1,3-Dichlorobenzene	0.0057	1,500	U	
923EX069(4.0)	8/10/98	1,4-Dichlorobenzene	0.0057	10.8	U	
923EX069(4.0)	8/10/98	1,1-Dichloroethane	0.0057	1,500	U	
923EX069(4.0)	8/10/98	1,2-Dichloroethane	0.0057	0.75	U	
923EX069(4.0)	8/10/98	1,1-Dichloroethene	0.0057	0.111	U	
923EX069(4.0)	8/10/98	1,2-Dichloropropane	0.0057	0.93	U	
923EX069(4.0)	8/10/98	1,3-Dichloropropene	0.0114	0.75	U	
923EX069(4.0)	8/10/98	2-Hexanone	0.011	NA	U	

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 7 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX069(4.0)	8/10/98	4-Methyl-2-Pentanone	0.011	2,310	U	
923EX069(4.0)	8/10/98	Styrene	0.0057	2,040	U	
923EX069(4.0)	8/10/98	1,1,2,2-Tetrachloroethane	0.0057	1.35	U	
923EX069(4.0)	8/10/98	Tetrachloroethene	0.0057	15	U	
923EX069(4.0)	8/10/98	1,1,1-Trichloroethane	0.0057	3,600	U	
923EX069(4.0)	8/10/98	1,1,2-Trichloroethane	0.0057	1.95	U	
923EX069(4.0)	8/10/98	Trichlorofluoromethane	0.0057	1,140	U	
923EX069(4.0)	8/10/98	Vinyl Acetate	0.011	2,340	U	
923EX069(4.0)	08/10/98	Gasoline	1.1	1,690	U	
923EX069(4.0)	08/10/98	Diesel	12	1,950	UJ	
923EX069(4.0)	08/10/98	Fuel Oil	13	2,730		
923EX069(4.0)	08/10/98	Benzene	0.0057	1.0	U	
923EX069(4.0)	08/10/98	Toluene	0.0057	14	U	
923EX069(4.0)	08/10/98	Ethylbenzene	0.0057	19	U	
923EX069(4.0)	08/10/98	Xylenes (Total)	0.0057	4,340	U	
923EX069(4.0)	08/10/98	Total Carcinogenic PAHs	2	253	U	
923EX069(4.0)	08/10/98	Benzo(a)anthracene	0.4	See Total	U	
923EX069(4.0)	08/10/98	Benzo(a)pyrene	0.4	9.0	U	
923EX069(4.0)	08/10/98	Benzo(b)fluoranthene	0.4	See Total	U	
923EX069(4.0)	08/10/98	Benzo(b)fluoranthene	0.4	See Total	U	
923EX069(4.0)	08/10/98	Chrysene	0.4	See Total	U	
923EX069(4.0)	08/10/98	Anthracene	0.4	1,120	U	
923EX069(4.0)	08/10/98	Benzo(g,h,i)perylene	0.4	19,500	U	
923EX069(4.0)	08/10/98	Fluoranthene	0.4	1,160	U	
923EX069(4.0)	08/10/98	Fluorene	0.4	220	U	
923EX069(4.0)	08/10/98	Naphthalene	0.4	140	U	
923EX069(4.0)	08/10/98	Phenanthrene	0.4	410	U	
923EX069(4.0)	08/10/98	Pyrene	0.4	910	U	
923EX069(4.0)	08/10/98	PCBs (Total)	0.322	1.0	U	
923EX069(4.0)	08/10/98	Aroclor-1016	0.04	See Total	U	
923EX069(4.0)	08/10/98	Aroclor-1221	0.082	See Total	U	
923EX069(4.0)	08/10/98	Aroclor-1232	0.04	See Total	U	
923EX069(4.0)	08/10/98	Aroclor-1242	0.04	See Total	U	
923EX069(4.0)	08/10/98	Aroclor-1248	0.04	See Total	U	
923EX069(4.0)	08/10/98	Aroclor-1254	0.04	See Total	U	
923EX069(4.0)	08/10/98	Aroclor-1260	0.04	See Total	U	
923EX069(4.0)	08/10/98	Cadmium	0.37	3.99	U	
923EX069(4.0)	08/10/98	Chromium	1,000	1,300		
923EX069(4.0)	08/10/98	Copper	12	88		

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 8 of 72)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX069(4.0)	08/10/98	Lead	12	477	U	
923EX069(4.0)	08/10/98	Mercury	0.24	2.79	U	
923EX069(4.0)	08/10/98	Nickel	1,500	5,500		
923EX069(4.0)	08/10/98	Zinc	32	89		
923EX070(4.0)	08/10/98	cis-1,2-Dichloroethene	0.0055	467	U	
923EX070(4.0)	08/10/98	trans-1,2-Dichloroethene	0.0055	1,027	U	
923EX070(4.0)	08/10/98	Trichloroethene	0.01	1.3		
923EX070(4.0)	08/10/98	Vinyl Chloride	0.011	3.0	U	
923EX070(4.0)	8/10/98	Methylene Chloride	0.027	54	U	
923EX070(4.0)	8/10/98	Acetone	0.027	6,300	U	
923EX070(4.0)	8/10/98	Bromodichloromethane	0.0055	1.89	U	
923EX070(4.0)	8/10/98	Bromoform	0.0055	168	U	
923EX070(4.0)	8/10/98	Bromomethane	0.011	20.4	U	
923EX070(4.0)	8/10/98	2-Butanone	0.011	21,300	U	
923EX070(4.0)	8/10/98	Carbon Disulfide	0.0055	22.5	U	
923EX070(4.0)	8/10/98	Carbon Tetrachloride	0.0055	0.69	U	
923EX070(4.0)	8/10/98	Chlorobenzene	0.0055	195	U	
923EX070(4.0)	8/10/98	Chloroethane	0.011	3,300	U	
923EX070(4.0)	8/10/98	Chloroform	0.0055	0.75	U	
923EX070(4.0)	8/10/98	Chloromethane	0.011	3.6	U	
923EX070(4.0)	8/10/98	Dibromochloromethane	0.0055	15.9	U	
923EX070(4.0)	8/10/98	1,2-Dichlorobenzene	0.0055	2,100	U	
923EX070(4.0)	8/10/98	1,3-Dichlorobenzene	0.0055	1,500	U	
923EX070(4.0)	8/10/98	1,4-Dichlorobenzene	0.0055	10.8	U	
923EX070(4.0)	8/10/98	1,1-Dichloroethane	0.0055	1,500	U	
923EX070(4.0)	8/10/98	1,2-Dichloroethane	0.0055	0.75	U	
923EX070(4.0)	8/10/98	1,1-Dichloroethene	0.0055	0.111	U	
923EX070(4.0)	8/10/98	1,2-Dichloropropane	0.0055	0.93	U	
923EX070(4.0)	8/10/98	1,3-Dichloropropene	0.011	0.75	U	
923EX070(4.0)	8/10/98	2-Hexanone	0.011	NA	U	
923EX070(4.0)	8/10/98	4-Methyl-2-Pentanone	0.011	2,310	U	
923EX070(4.0)	8/10/98	Styrene	0.0055	2,040	U	
923EX070(4.0)	8/10/98	1,1,2,2-Tetrachloroethane	0.0055	1.35	U	
923EX070(4.0)	8/10/98	Tetrachloroethene	0.0055	15	U	
923EX070(4.0)	8/10/98	1,1,1-Trichloroethane	0.0055	3,600	U	
923EX070(4.0)	8/10/98	1,1,2-Trichloroethane	0.0055	1.95	U	
923EX070(4.0)	8/10/98	Trichlorofluoromethane	0.0055	1,140	U	
923EX070(4.0)	8/10/98	Vinyl Acetate	0.011	2,340	U	
923EX070(4.0)	08/10/98	Gasoline	9.3	1,690	J	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 9 of 72)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX070(4.0)	08/10/98	Diesel	170	1,950		
923EX070(4.0)	08/10/98	Fuel Oil	420	2,730		
923EX070(4.0)	08/10/98	Benzene	0.0055	1.0	U	
923EX070(4.0)	08/10/98	Toluene	0.0055	14	U	
923EX070(4.0)	08/10/98	Ethylbenzene	0.0055	19	U	
923EX070(4.0)	08/10/98	Xylenes (Total)	0.0055	4,340	U	
923EX070(4.0)	08/10/98	Total Carcinogenic PAHs	1.85	253	U	
923EX070(4.0)	08/10/98	Benzo(a)anthracene	0.37	See Total	U	
923EX070(4.0)	08/10/98	Benzo(a)pyrene	0.37	9.0	U	
923EX070(4.0)	08/10/98	Benzo(b)fluoranthene	0.37	See Total	U	
923EX070(4.0)	08/10/98	Benzo(b)fluoranthene	0.37	See Total	U	
923EX070(4.0)	08/10/98	Chrysene	0.37	See Total	U	
923EX070(4.0)	08/10/98	Anthracene	0.37	1,120	U	
923EX070(4.0)	08/10/98	Benzo(g,h,i)perylene	0.37	19,500	U	
923EX070(4.0)	08/10/98	Fluoranthene	0.37	1,160	U	
923EX070(4.0)	08/10/98	Fluorene	0.37	220	U	
923EX070(4.0)	08/10/98	Naphthalene	0.37	140	U	
923EX070(4.0)	08/10/98	Phenanthrene	0.37	410	U	
923EX070(4.0)	08/10/98	Pyrene	0.37	910	U	
923EX070(4.0)	08/10/98	PCBs (Total)	0.298	1.0	U	
923EX070(4.0)	08/10/98	Aroclor-1016	0.037	See Total	U	
923EX070(4.0)	08/10/98	Aroclor-1221	0.076	See Total	U	
923EX070(4.0)	08/10/98	Aroclor-1232	0.037	See Total	U	
923EX070(4.0)	08/10/98	Aroclor-1242	0.037	See Total	U	
923EX070(4.0)	08/10/98	Aroclor-1248	0.037	See Total	U	
923EX070(4.0)	08/10/98	Aroclor-1254	0.037	See Total	U	
923EX070(4.0)	08/10/98	Aroclor-1260	0.037	See Total	U	
923EX070(4.0)	08/10/98	Cadmium	0.27	3.99	J	
923EX070(4.0)	08/10/98	Chromium	610	1,300		
923EX070(4.0)	08/10/98	Copper	22	88		
923EX070(4.0)	08/10/98	Lead	42	477		
923EX070(4.0)	08/10/98	Mercury	0.23	2.79	U	
923EX070(4.0)	08/10/98	Nickel	770	5,500		
923EX070(4.0)	08/10/98	Zinc	82	89		
923EX070(4.0)DUP ^j	08/10/98	cis-1,2-Dichloroethene	0.0057	467	U	923DUP081098A ^k
923EX070(4.0)DUP	08/10/98	trans-1,2-Dichloroethene	0.0057	1,027	U	
923EX070(4.0)DUP	08/10/98	Trichloroethene	0.0038	1.3	J	
923EX070(4.0)DUP	08/10/98	Vinyl Chloride	0.011	3.0	U	
923EX070(4.0)DUP	8/10/98	Methylene Chloride	0.028	54	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 10 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX070(4.0)DUP	8/10/98	Acetone	0.028	6,300	U	
923EX070(4.0)DUP	8/10/98	Bromodichloromethane	0.0057	1.89	U	
923EX070(4.0)DUP	8/10/98	Bromoform	0.0057	168	U	
923EX070(4.0)DUP	8/10/98	Bromomethane	0.011	20.4	U	
923EX070(4.0)DUP	8/10/98	2-Butanone	0.011	21,300	U	
923EX070(4.0)DUP	8/10/98	Carbon Disulfide	0.0057	22.5	U	
923EX070(4.0)DUP	8/10/98	Carbon Tetrachloride	0.0057	0.69	U	
923EX070(4.0)DUP	8/10/98	Chlorobenzene	0.0057	195	U	
923EX070(4.0)DUP	8/10/98	Chloroethane	0.011	3,300	U	
923EX070(4.0)DUP	8/10/98	Chloroform	0.0057	0.75	U	
923EX070(4.0)DUP	8/10/98	Chloromethane	0.011	3.6	U	
923EX070(4.0)DUP	8/10/98	Dibromochloromethane	0.0057	15.9	U	
923EX070(4.0)DUP	8/10/98	1,2-Dichlorobenzene	0.0057	2,100	U	
923EX070(4.0)DUP	8/10/98	1,3-Dichlorobenzene	0.0057	1,500	U	
923EX070(4.0)DUP	8/10/98	1,4-Dichlorobenzene	0.0057	10.8	U	
923EX070(4.0)DUP	8/10/98	1,1-Dichloroethane	0.0057	1,500	U	
923EX070(4.0)DUP	8/10/98	1,2-Dichloroethane	0.0057	0.75	U	
923EX070(4.0)DUP	8/10/98	1,1-Dichloroethene	0.0057	0.111	U	
923EX070(4.0)DUP	8/10/98	1,2-Dichloropropane	0.0057	0.93	U	
923EX070(4.0)DUP	8/10/98	1,3-Dichloropropene	0.0114	0.75	U	
923EX070(4.0)DUP	8/10/98	2-Hexanone	0.011	NA	U	
923EX070(4.0)DUP	8/10/98	4-Methyl-2-Pentanone	0.011	2,310	U	
923EX070(4.0)DUP	8/10/98	Styrene	0.0057	2,040	U	
923EX070(4.0)DUP	8/10/98	1,1,2,2-Tetrachloroethane	0.0057	1.35	U	
923EX070(4.0)DUP	8/10/98	Tetrachloroethene	0.0057	15	U	
923EX070(4.0)DUP	8/10/98	1,1,1-Trichloroethane	0.0057	3,600	U	
923EX070(4.0)DUP	8/10/98	1,1,2-Trichloroethane	0.0057	1.95	U	
923EX070(4.0)DUP	8/10/98	Trichlorofluoromethane	0.0057	1,140	U	
923EX070(4.0)DUP	8/10/98	Vinyl Acetate	0.011	2,340	U	
923EX070(4.0)DUP	08/10/98	Gasoline	4.5	1,690	J	
923EX070(4.0)DUP	08/10/98	Diesel	220	1,950		
923EX070(4.0)DUP	08/10/98	Fuel Oil	490	2,730		
923EX070(4.0)DUP	08/10/98	Benzene	0.0057	1.0	U	
923EX070(4.0)DUP	08/10/98	Toluene	0.0057	14	U	
923EX070(4.0)DUP	08/10/98	Ethylbenzene	0.0057	19	U	
923EX070(4.0)DUP	08/10/98	Xylenes (Total)	0.0057	4,340	U	
923EX070(4.0)DUP	08/10/98	Total Carcinogenic PAHs	1.85	253	U	
923EX070(4.0)DUP	08/10/98	Benzo(a)anthracene	0.37	See Total	U	
923EX070(4.0)DUP	08/10/98	Benzo(a)pyrene	0.37	9.0	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 11 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX070(4.0)DUP	08/10/98	Benzo(b)fluoranthene	0.37	See Total	U	
923EX070(4.0)DUP	08/10/98	Benzo(b)fluoranthene	0.37	See Total	U	
923EX070(4.0)DUP	08/10/98	Chrysene	0.37	See Total	U	
923EX070(4.0)DUP	08/10/98	Anthracene	0.37	1,120	U	
923EX070(4.0)DUP	08/10/98	Benzo(g,h,i)perylene	0.37	19,500	U	
923EX070(4.0)DUP	08/10/98	Fluoranthene	0.37	1,160	U	
923EX070(4.0)DUP	08/10/98	Fluorene	0.37	220	U	
923EX070(4.0)DUP	08/10/98	Naphthalene	0.37	140	U	
923EX070(4.0)DUP	08/10/98	Phenanthrene	0.37	410	U	
923EX070(4.0)DUP	08/10/98	Pyrene	0.37	910	U	
923EX070(4.0)DUP	08/10/98	PCBs (Total)	0.298	1.0	U	
923EX070(4.0)DUP	08/10/98	Aroclor-1016	0.037	See Total	U	
923EX070(4.0)DUP	08/10/98	Aroclor-1221	0.076	See Total	U	
923EX070(4.0)DUP	08/10/98	Aroclor-1232	0.037	See Total	U	
923EX070(4.0)DUP	08/10/98	Aroclor-1242	0.037	See Total	U	
923EX070(4.0)DUP	08/10/98	Aroclor-1248	0.037	See Total	U	
923EX070(4.0)DUP	08/10/98	Aroclor-1254	0.037	See Total	U	
923EX070(4.0)DUP	08/10/98	Aroclor-1260	0.037	See Total	U	
923EX070(4.0)DUP	08/10/98	Cadmium	0.28	3.99	J	
923EX070(4.0)DUP	08/10/98	Chromium	690	1,300		
923EX070(4.0)DUP	08/10/98	Copper	29	88		
923EX070(4.0)DUP	08/10/98	Lead	57	477		
923EX070(4.0)DUP	08/10/98	Mercury	0.23	2.79	U	
923EX070(4.0)DUP	08/10/98	Nickel	870	5,500		
923EX070(4.0)DUP	08/10/98	Zinc	63	89		
923EX072(4.0)	08/10/98	cis-1,2-Dichloroethene	0.006	467	U	
923EX072(4.0)	08/10/98	trans-1,2-Dichloroethene	0.006	1,027	U	
923EX072(4.0)	08/10/98	Trichloroethene	0.006	1.3	U	
923EX072(4.0)	08/10/98	Vinyl Chloride	0.012	3.0	U	
923EX072(4.0)	8/10/98	Methylene Chloride	0.03	54	U	
923EX072(4.0)	8/10/98	Acetone	0.03	6,300	U	
923EX072(4.0)	8/10/98	Bromodichloromethane	0.006	1.89	U	
923EX072(4.0)	8/10/98	Bromoform	0.006	168	U	
923EX072(4.0)	8/10/98	Bromomethane	0.012	20.4	U	
923EX072(4.0)	8/10/98	2-Butanone	0.012	21,300	U	
923EX072(4.0)	8/10/98	Carbon Disulfide	0.006	22.5	U	
923EX072(4.0)	8/10/98	Carbon Tetrachloride	0.006	0.69	U	
923EX072(4.0)	8/10/98	Chlorobenzene	0.006	195	U	
923EX072(4.0)	8/10/98	Chloroethane	0.012	3,300	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy-Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 12 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX072(4.0)	8/10/98	Chloroform	0.006	0.75	U	
923EX072(4.0)	8/10/98	Chloromethane	0.012	3.6	U	
923EX072(4.0)	8/10/98	Dibromochloromethane	0.006	15.9	U	
923EX072(4.0)	8/10/98	1,2-Dichlorobenzene	0.006	2,100	U	
923EX072(4.0)	8/10/98	1,3-Dichlorobenzene	0.006	1,500	U	
923EX072(4.0)	8/10/98	1,4-Dichlorobenzene	0.006	10.8	U	
923EX072(4.0)	8/10/98	1,1-Dichloroethane	0.006	1,500	U	
923EX072(4.0)	8/10/98	1,2-Dichloroethane	0.006	0.75	U	
923EX072(4.0)	8/10/98	1,1-Dichloroethene	0.006	0.111	U	
923EX072(4.0)	8/10/98	1,2-Dichloropropane	0.006	0.93	U	
923EX072(4.0)	8/10/98	1,3-Dichloropropene	0.012	0.75	U	
923EX072(4.0)	8/10/98	2-Hexanone	0.012	NA	U	
923EX072(4.0)	8/10/98	4-Methyl-2-Pentanone	0.012	2,310	U	
923EX072(4.0)	8/10/98	Styrene	0.006	2,040	U	
923EX072(4.0)	8/10/98	1,1,2,2-Tetrachloroethane	0.006	1.35	U	
923EX072(4.0)	8/10/98	Tetrachloroethene	0.006	15	U	
923EX072(4.0)	8/10/98	1,1,1-Trichloroethane	0.006	3,600	U	
923EX072(4.0)	8/10/98	1,1,2-Trichloroethane	0.006	1.95	U	
923EX072(4.0)	8/10/98	Trichlorofluoromethane	0.006	1,140	U	
923EX072(4.0)	8/10/98	Vinyl Acetate	0.012	2,340	U	
923EX072(4.0)	08/10/98	Gasoline	1.2	1,690	U	
923EX072(4.0)	08/10/98	Diesel	12	1,950	U	
923EX072(4.0)	08/10/98	Fuel Oil	14	2,730		
923EX072(4.0)	08/10/98	Benzene	0.006	1.0	U	
923EX072(4.0)	08/10/98	Toluene	0.006	14	U	
923EX072(4.0)	08/10/98	Ethylbenzene	0.006	19	U	
923EX072(4.0)	08/10/98	Xylenes (Total)	0.006	4,340	U	
923EX072(4.0)	08/10/98	Total Carcinogenic PAHs	1.95	253	U	
923EX072(4.0)	08/10/98	Benzo(a)anthracene	0.39	See Total	U	
923EX072(4.0)	08/10/98	Benzo(a)pyrene	0.39	9.0	U	
923EX072(4.0)	08/10/98	Benzo(b)fluoranthene	0.39	See Total	U	
923EX072(4.0)	08/10/98	Benzo(b)fluoranthene	0.39	See Total	U	
923EX072(4.0)	08/10/98	Chrysene	0.39	See Total	U	
923EX072(4.0)	08/10/98	Anthracene	0.39	1,120	U	
923EX072(4.0)	08/10/98	Benzo(g,h,i)perylene	0.39	19,500	U	
923EX072(4.0)	08/10/98	Fluoranthene	0.39	1,160	U	
923EX072(4.0)	08/10/98	Fluorene	0.39	220	U	
923EX072(4.0)	08/10/98	Naphthalene	0.39	140	U	
923EX072(4.0)	08/10/98	Phenanthrene	0.39	410	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy-Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 13 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX072(4.0)	08/10/98	Pyrene	0.39	910	U	
923EX072(4.0)	08/10/98	PCBs (Total)	0.314	1.0	UJ	
923EX072(4.0)	08/10/98	Aroclor-1016	0.039	See Total	UJ	
923EX072(4.0)	08/10/98	Aroclor-1221	0.08	See Total	UJ	
923EX072(4.0)	08/10/98	Aroclor-1232	0.039	See Total	UJ	
923EX072(4.0)	08/10/98	Aroclor-1242	0.039	See Total	UJ	
923EX072(4.0)	08/10/98	Aroclor-1248	0.039	See Total	UJ	
923EX072(4.0)	08/10/98	Aroclor-1254	0.039	See Total	UJ	
923EX072(4.0)	08/10/98	Aroclor-1260	0.039	See Total	UJ	
923EX072(4.0)	08/10/98	Cadmium	0.36	3.99	U	
923EX072(4.0)	08/10/98	Chromium	1,200	1,300		
923EX072(4.0)	08/10/98	Copper	13	88		
923EX072(4.0)	08/10/98	Lead	12	477	U	
923EX072(4.0)	08/10/98	Mercury	0.24	2.79	U	
923EX072(4.0)	08/10/98	Nickel	1,400	5,500		
923EX072(4.0)	08/10/98	Zinc	37	89		
923EX073(6.5)	08/11/98	cis-1,2-Dichloroethene	0.0066	467	U	
923EX073(6.5)	08/11/98	trans-1,2-Dichloroethene	0.0066	1,027	U	
923EX073(6.5)	08/11/98	Trichloroethene	0.0066	1.3	U	
923EX073(6.5)	08/11/98	Vinyl Chloride	0.013	3.0	U	
923EX073(6.5)	8/11/98	Methylene Chloride	0.033	54	U	
923EX073(6.5)	8/11/98	Acetone	0.033	6,300	U	
923EX073(6.5)	8/11/98	Bromodichloromethane	0.0066	1.89	U	
923EX073(6.5)	8/11/98	Bromoform	0.0066	168	U	
923EX073(6.5)	8/11/98	Bromomethane	0.013	20.4	U	
923EX073(6.5)	8/11/98	2-Butanone	0.013	21,300	U	
923EX073(6.5)	8/11/98	Carbon Disulfide	0.0066	22.5	U	
923EX073(6.5)	8/11/98	Carbon Tetrachloride	0.0066	0.69	U	
923EX073(6.5)	8/11/98	Chlorobenzene	0.0066	195	U	
923EX073(6.5)	8/11/98	Chloroethane	0.013	3,300	U	
923EX073(6.5)	8/11/98	Chloroform	0.0066	0.75	U	
923EX073(6.5)	8/11/98	Chloromethane	0.013	3.6	U	
923EX073(6.5)	8/11/98	Dibromochloromethane	0.0066	15.9	U	
923EX073(6.5)	8/11/98	1,2-Dichlorobenzene	0.0066	2,100	U	
923EX073(6.5)	8/11/98	1,3-Dichlorobenzene	0.0066	1,500	U	
923EX073(6.5)	8/11/98	1,4-Dichlorobenzene	0.0066	10.8	U	
923EX073(6.5)	8/11/98	1,1-Dichloroethane	0.0066	1,500	U	
923EX073(6.5)	8/11/98	1,2-Dichloroethane	0.0066	0.75	U	
923EX073(6.5)	8/11/98	1,1-Dichloroethene	0.0066	0.111	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 14 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX073(6.5)	8/11/98	1,2-Dichloropropane	0.0066	0.93	U	
923EX073(6.5)	8/11/98	1,3-Dichloropropene	0.0132	0.75	U	
923EX073(6.5)	8/11/98	2-Hexanone	0.013	NA	U	
923EX073(6.5)	8/11/98	4-Methyl-2-Pentanone	0.013	2,310	U	
923EX073(6.5)	8/11/98	Styrene	0.0066	2,040	U	
923EX073(6.5)	8/11/98	1,1,2,2-Tetrachloroethane	0.0066	1.35	U	
923EX073(6.5)	8/11/98	Tetrachloroethene	0.0066	15	U	
923EX073(6.5)	8/11/98	1,1,1-Trichloroethane	0.0066	3,600	U	
923EX073(6.5)	8/11/98	1,1,2-Trichloroethane	0.0066	1.95	U	
923EX073(6.5)	8/11/98	Trichlorofluoromethane	0.0066	1,140	U	
923EX073(6.5)	8/11/98	Vinyl Acetate	0.013	2,340	U	
923EX073(6.5)	08/11/98	Gasoline	1.3	1,690	U	
923EX073(6.5)	08/11/98	Diesel	12	1,950	U	
923EX073(6.5)	08/11/98	Fuel Oil	8.1	2,730	J	
923EX073(6.5)	08/11/98	Benzene	0.0066	1.0	U	
923EX073(6.5)	08/11/98	Toluene	0.0066	14	U	
923EX073(6.5)	08/11/98	Ethylbenzene	0.0066	19	U	
923EX073(6.5)	08/11/98	Xylenes (Total)	0.0066	4,340	U	
923EX073(6.5)	08/11/98	Total Carcinogenic PAHs	2.05	253	U	
923EX073(6.5)	08/11/98	Benzo(a)anthracene	0.41	See Total	U	
923EX073(6.5)	08/11/98	Benzo(a)pyrene	0.41	9.0	U	
923EX073(6.5)	08/11/98	Benzo(b)fluoranthene	0.41	See Total	U	
923EX073(6.5)	08/11/98	Benzo(b)fluoranthene	0.41	See Total	U	
923EX073(6.5)	08/11/98	Chrysene	0.41	See Total	U	
923EX073(6.5)	08/11/98	Anthracene	0.41	1,120	U	
923EX073(6.5)	08/11/98	Benzo(g,h,i)perylene	0.41	19,500	U	
923EX073(6.5)	08/11/98	Fluoranthene	0.41	1,160	U	
923EX073(6.5)	08/11/98	Fluorene	0.41	220	U	
923EX073(6.5)	08/11/98	Naphthalene	0.41	140	U	
923EX073(6.5)	08/11/98	Phenanthrene	0.41	410	U	
923EX073(6.5)	08/11/98	Pyrene	0.41	910	U	
923EX073(6.5)	08/11/98	PCBs (Total)	0.329	1.0	U	
923EX073(6.5)	08/11/98	Aroclor-1016	0.041	See Total	U	
923EX073(6.5)	08/11/98	Aroclor-1221	0.083	See Total	U	
923EX073(6.5)	08/11/98	Aroclor-1232	0.041	See Total	U	
923EX073(6.5)	08/11/98	Aroclor-1242	0.041	See Total	U	
923EX073(6.5)	08/11/98	Aroclor-1248	0.041	See Total	U	
923EX073(6.5)	08/11/98	Aroclor-1254	0.041	See Total	U	
923EX073(6.5)	08/11/98	Aroclor-1260	0.041	See Total	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 15 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX073(6.5)	08/11/98	Cadmium	0.37	3.99	U	
923EX073(6.5)	08/11/98	Chromium	900	1,300		
923EX073(6.5)	08/11/98	Copper	11	88		
923EX073(6.5)	08/11/98	Lead	12	477	U	
923EX073(6.5)	08/11/98	Mercury	0.25	2.79	U	
923EX073(6.5)	08/11/98	Nickel	1,300	5,500		
923EX073(6.5)	08/11/98	Zinc	31	89		
923EX106(5.0)	12/08/98	cis-1,2-Dichloroethene	0.0065	467	U	
923EX106(5.0)	12/08/98	trans-1,2-Dichloroethene	0.0065	1,027	U	
923EX106(5.0)	12/08/98	Trichloroethene	0.0065	1.3	U	
923EX106(5.0)	12/08/98	Vinyl Chloride	0.013	3.0	U	
923EX106(5.0)	12/8/98	Methylene Chloride	0.0065	54	U	
923EX106(5.0)	12/8/98	Acetone	0.026	6,300	U	
923EX106(5.0)	12/8/98	Bromodichloromethane	0.0065	1.89	U	
923EX106(5.0)	12/8/98	Bromoform	0.0065	168	U	
923EX106(5.0)	12/8/98	Bromomethane	0.013	20.4	U	
923EX106(5.0)	12/8/98	2-Butanone	0.026	21,300	U	
923EX106(5.0)	12/8/98	Carbon Disulfide	0.0065	22.5	U	
923EX106(5.0)	12/8/98	Carbon Tetrachloride	0.0065	0.69	U	
923EX106(5.0)	12/8/98	Chlorobenzene	0.0065	195	U	
923EX106(5.0)	12/8/98	Chloroethane	0.013	3,300	U	
923EX106(5.0)	12/8/98	Chloroform	0.0065	0.75	U	
923EX106(5.0)	12/8/98	Chloromethane	0.013	3.6	U	
923EX106(5.0)	12/8/98	Dibromochloromethane	0.0065	15.9	U	
923EX106(5.0)	12/8/98	1,2-Dichlorobenzene	0.0065	2,100	U	
923EX106(5.0)	12/8/98	1,3-Dichlorobenzene	0.0065	1,500	U	
923EX106(5.0)	12/8/98	1,4-Dichlorobenzene	0.0065	10.8	U	
923EX106(5.0)	12/8/98	1,1-Dichloroethane	0.0065	1,500	U	
923EX106(5.0)	12/8/98	1,2-Dichloroethane	0.0065	0.75	U	
923EX106(5.0)	12/8/98	1,1-Dichloroethene	0.0065	0.111	U	
923EX106(5.0)	12/8/98	1,2-Dichloropropane	0.0065	0.93	U	
923EX106(5.0)	12/8/98	1,3-Dichloropropene	0.013	0.75	U	
923EX106(5.0)	12/8/98	2-Hexanone	0.026	NA	U	
923EX106(5.0)	12/8/98	4-Methyl-2-Pentanone	0.026	2,310	U	
923EX106(5.0)	12/8/98	Styrene	0.0065	2,040	U	
923EX106(5.0)	12/8/98	1,1,2,2-Tetrachloroethane	0.0065	1.35	U	
923EX106(5.0)	12/8/98	Tetrachloroethene	0.0065	15	U	
923EX106(5.0)	12/8/98	1,1,1-Trichloroethane	0.0065	3,600	U	
923EX106(5.0)	12/8/98	1,1,2-Trichloroethane	0.0065	1.95	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 16 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX106(5.0)	12/8/98	Trichlorofluoromethane	0.013	1,140	U	
923EX106(5.0)	12/8/98	Vinyl Acetate	0.013	2,340	U	
923EX106(5.0)	12/08/98	Gasoline	1.3	1,690	U	
923EX106(5.0)	12/08/98	Diesel	13	1,950	U	
923EX106(5.0)	12/08/98	Fuel Oil	7.6	2,730	J	
923EX106(5.0)	12/08/98	Benzene	0.0065	1.0	U	
923EX106(5.0)	12/08/98	Toluene	0.0065	14	U	
923EX106(5.0)	12/08/98	Ethylbenzene	0.0065	19	U	
923EX106(5.0)	12/08/98	Xylenes (Total)	0.0065	4,340	U	
923EX106(5.0)	12/08/98	Total Carcinogenic PAHs	2.15	253	U	
923EX106(5.0)	12/08/98	Benzo(a)anthracene	0.43	See Total	U	
923EX106(5.0)	12/08/98	Benzo(a)pyrene	0.43	9.0	U	
923EX106(5.0)	12/08/98	Benzo(b)fluoranthene	0.43	See Total	U	
923EX106(5.0)	12/08/98	Benzo(b)fluoranthene	0.43	See Total	U	
923EX106(5.0)	12/08/98	Chrysene	0.43	See Total	U	
923EX106(5.0)	12/08/98	Anthracene	0.43	1,120	U	
923EX106(5.0)	12/08/98	Benzo(g,h,i)perylene	0.43	19,500	U	
923EX106(5.0)	12/08/98	Fluoranthene	0.43	1,160	U	
923EX106(5.0)	12/08/98	Fluorene	0.43	220	U	
923EX106(5.0)	12/08/98	Naphthalene	0.43	140	U	
923EX106(5.0)	12/08/98	Phenanthrene	0.43	410	U	
923EX106(5.0)	12/08/98	Pyrene	0.43	910	U	
923EX106(5.0)	12/08/98	PCBs (Total)	0.344	1.0	U	
923EX106(5.0)	12/08/98	Aroclor-1016	0.043	See Total	U	
923EX106(5.0)	12/08/98	Aroclor-1221	0.086	See Total	U	
923EX106(5.0)	12/08/98	Aroclor-1232	0.043	See Total	U	
923EX106(5.0)	12/08/98	Aroclor-1242	0.043	See Total	U	
923EX106(5.0)	12/08/98	Aroclor-1248	0.043	See Total	U	
923EX106(5.0)	12/08/98	Aroclor-1254	0.043	See Total	U	
923EX106(5.0)	12/08/98	Aroclor-1260	0.043	See Total	U	
923EX106(5.0)	12/08/98	Cadmium	0.39	3.99	U	
923EX106(5.0)	12/08/98	Chromium	1,200	1,300	J	
923EX106(5.0)	12/08/98	Copper	11	88	J	
923EX106(5.0)	12/08/98	Lead	13	477	UJ	
923EX106(5.0)	12/08/98	Mercury	0.26	2.79	UJ	
923EX106(5.0)	12/08/98	Nickel	1,600	5,500	J	
923EX106(5.0)	12/08/98	Zinc	32	89	J	
923EX149(3.0)	12/28/98	cis-1,2-Dichloroethene	0.0062	467	U	
923EX149(3.0)	12/28/98	trans-1,2-Dichloroethene	0.0062	1,027	U	

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 17 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX149(3.0)	12/28/98	Trichloroethene	0.0062	1.3	U	
923EX149(3.0)	12/28/98	Vinyl Chloride	0.012	3.0	U	
923EX149(3.0)	12/28/98	Methylene Chloride	0.0062	54	U	
923EX149(3.0)	12/28/98	Acetone	0.025	6,300	U	
923EX149(3.0)	12/28/98	Bromodichloromethane	0.0062	1.89	U	
923EX149(3.0)	12/28/98	Bromoform	0.0062	168	U	
923EX149(3.0)	12/28/98	Bromomethane	0.012	20.4	U	
923EX149(3.0)	12/28/98	2-Butanone	0.025	21,300	U	
923EX149(3.0)	12/28/98	Carbon Disulfide	0.0062	22.5	U	
923EX149(3.0)	12/28/98	Carbon Tetrachloride	0.0062	0.69	U	
923EX149(3.0)	12/28/98	Chlorobenzene	0.0062	195	U	
923EX149(3.0)	12/28/98	Chloroethane	0.012	3,300	U	
923EX149(3.0)	12/28/98	Chloroform	0.0062	0.75	U	
923EX149(3.0)	12/28/98	Chloromethane	0.012	3.6	U	
923EX149(3.0)	12/28/98	Dibromochloromethane	0.0062	15.9	U	
923EX149(3.0)	12/28/98	1,2-Dichlorobenzene	0.0062	2,100	U	
923EX149(3.0)	12/28/98	1,3-Dichlorobenzene	0.0062	1,500	U	
923EX149(3.0)	12/28/98	1,4-Dichlorobenzene	0.0062	10.8	U	
923EX149(3.0)	12/28/98	1,1-Dichloroethane	0.0062	1,500	U	
923EX149(3.0)	12/28/98	1,2-Dichloroethane	0.0062	0.75	U	
923EX149(3.0)	12/28/98	1,1-Dichloroethene	0.0062	0.111	U	
923EX149(3.0)	12/28/98	1,2-Dichloropropane	0.0062	0.93	U	
923EX149(3.0)	12/28/98	1,3-Dichloropropene	0.0124	0.75	U	
923EX149(3.0)	12/28/98	2-Hexanone	0.025	NA	U	
923EX149(3.0)	12/28/98	4-Methyl-2-Pentanone	0.025	2,310	U	
923EX149(3.0)	12/28/98	Styrene	0.0062	2,040	U	
923EX149(3.0)	12/28/98	1,1,2,2-Tetrachloroethane	0.0062	1.35	U	
923EX149(3.0)	12/28/98	Tetrachloroethene	0.0061	15	J	
923EX149(3.0)	12/28/98	1,1,1-Trichloroethane	0.0062	3,600	U	
923EX149(3.0)	12/28/98	1,1,2-Trichloroethane	0.0062	1.95	U	
923EX149(3.0)	12/28/98	Trichlorofluoromethane	0.012	1,140	U	
923EX149(3.0)	12/28/98	Vinyl Acetate	0.012	2,340	U	
923EX149(3.0)	12/28/98	Gasoline	1.2	1,690	U	
923EX149(3.0)	12/28/98	Diesel	6.3	1,950	J	
923EX149(3.0)	12/28/98	Fuel Oil	28	2,730		
923EX149(3.0)	12/28/98	Benzene	0.0062	1.0	U	
923EX149(3.0)	12/28/98	Toluene	0.0062	14	U	
923EX149(3.0)	12/28/98	Ethylbenzene	0.0062	19	U	
923EX149(3.0)	12/28/98	Xylenes (Total)	0.0062	4,340	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 18 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX149(3.0)	12/28/98	Total Carcinogenic PAHs	0.0158	253	J	
923EX149(3.0)	12/28/98	Benzo(a)anthracene	0.0031	See Total		
923EX149(3.0)	12/28/98	Benzo(a)pyrene	0.003	9.0		
923EX149(3.0)	12/28/98	Benzo(b)fluoranthene	0.0027	See Total		
923EX149(3.0)	12/28/98	Benzo(b)fluoranthene	0.0014	See Total	J	
923EX149(3.0)	12/28/98	Chrysene	0.0056	See Total		
923EX149(3.0)	12/28/98	Anthracene	0.41	1,120	U	
923EX149(3.0)	12/28/98	Benzo(g,h,i)perylene	0.41	19,500	U	
923EX149(3.0)	12/28/98	Fluoranthene	0.41	1,160	U	
923EX149(3.0)	12/28/98	Fluorene	0.41	220	U	
923EX149(3.0)	12/28/98	Naphthalene	0.41	140	U	
923EX149(3.0)	12/28/98	Phenanthrene	0.41	410	U	
923EX149(3.0)	12/28/98	Pyrene	0.41	910	U	
923EX149(3.0)	12/28/98	PCBs (Total)	0.329	1.0	U	
923EX149(3.0)	12/28/98	Aroclor-1016	0.041	See Total	U	
923EX149(3.0)	12/28/98	Aroclor-1221	0.083	See Total	U	
923EX149(3.0)	12/28/98	Aroclor-1232	0.041	See Total	U	
923EX149(3.0)	12/28/98	Aroclor-1242	0.041	See Total	U	
923EX149(3.0)	12/28/98	Aroclor-1248	0.041	See Total	U	
923EX149(3.0)	12/28/98	Aroclor-1254	0.041	See Total	U	
923EX149(3.0)	12/28/98	Aroclor-1260	0.041	See Total	U	
923EX149(3.0)	12/28/98	Cadmium	0.37	3.99	U	
923EX149(3.0)	12/28/98	Chromium	470	1,300		
923EX149(3.0)	12/28/98	Copper	19	88		
923EX149(3.0)	12/28/98	Lead	28	477		
923EX149(3.0)	12/28/98	Mercury	0.25	2.79	U	
923EX149(3.0)	12/28/98	Nickel	660	5,500		
923EX149(3.0)	12/28/98	Zinc	39	89		
923EX149(3.0)DUP	12/28/98	cis-1,2-Dichloroethene	0.0061	467	U	923DUP122898A
923EX149(3.0)DUP	12/28/98	trans-1,2-Dichloroethene	0.0061	1,027	U	
923EX149(3.0)DUP	12/28/98	Trichloroethene	0.0061	1.3	U	
923EX149(3.0)DUP	12/28/98	Vinyl Chloride	0.012	3.0	U	
923EX149(3.0)DUP	12/28/98	Methylene Chloride	0.0061	54	U	
923EX149(3.0)DUP	12/28/98	Acetone	0.025	6,300	U	
923EX149(3.0)DUP	12/28/98	Bromodichloromethane	0.0061	1.89	U	
923EX149(3.0)DUP	12/28/98	Bromoform	0.0061	168	U	
923EX149(3.0)DUP	12/28/98	Bromomethane	0.012	20.4	U	
923EX149(3.0)DUP	12/28/98	2-Butanone	0.025	21,300	U	
923EX149(3.0)DUP	12/28/98	Carbon Disulfide	0.0061	22.5	U	

Footnotes at end of table.
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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 19 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX149(3.0)DUP	12/28/98	Carbon Tetrachloride	0.0061	0.69	U	
923EX149(3.0)DUP	12/28/98	Chlorobenzene	0.0061	195	U	
923EX149(3.0)DUP	12/28/98	Chloroethane	0.012	3,300	U	
923EX149(3.0)DUP	12/28/98	Chloroform	0.0061	0.75	U	
923EX149(3.0)DUP	12/28/98	Chloromethane	0.012	3.6	U	
923EX149(3.0)DUP	12/28/98	Dibromochloromethane	0.0061	15.9	U	
923EX149(3.0)DUP	12/28/98	1,2-Dichlorobenzene	0.0061	2,100	U	
923EX149(3.0)DUP	12/28/98	1,3-Dichlorobenzene	0.0061	1,500	U	
923EX149(3.0)DUP	12/28/98	1,4-Dichlorobenzene	0.0061	10.8	U	
923EX149(3.0)DUP	12/28/98	1,1-Dichloroethane	0.0061	1,500	U	
923EX149(3.0)DUP	12/28/98	1,2-Dichloroethane	0.0061	0.75	U	
923EX149(3.0)DUP	12/28/98	1,1-Dichloroethene	0.0061	0.111	U	
923EX149(3.0)DUP	12/28/98	1,2-Dichloropropane	0.0061	0.93	U	
923EX149(3.0)DUP	12/28/98	1,3-Dichloropropene	0.0122	0.75	U	
923EX149(3.0)DUP	12/28/98	2-Hexanone	0.025	NA	U	
923EX149(3.0)DUP	12/28/98	4-Methyl-2-Pentanone	0.025	2,310	U	
923EX149(3.0)DUP	12/28/98	Styrene	0.0061	2,040	U	
923EX149(3.0)DUP	12/28/98	1,1,2,2-Tetrachloroethane	0.0061	1.35	U	
923EX149(3.0)DUP	12/28/98	Tetrachloroethene	0.0059	15	J	
923EX149(3.0)DUP	12/28/98	1,1,1-Trichloroethane	0.0061	3,600	U	
923EX149(3.0)DUP	12/28/98	1,1,2-Trichloroethane	0.0061	1.95	U	
923EX149(3.0)DUP	12/28/98	Trichlorofluoromethane	0.012	1,140	U	
923EX149(3.0)DUP	12/28/98	Vinyl Acetate	0.012	2,340	U	
923EX149(3.0)DUP	12/28/98	Gasoline	1.2	1,690	U	
923EX149(3.0)DUP	12/28/98	Diesel	7.3	1,950	J	
923EX149(3.0)DUP	12/28/98	Fuel Oil	34	2,730		
923EX149(3.0)DUP	12/28/98	Benzene	0.0061	1.0	U	
923EX149(3.0)DUP	12/28/98	Toluene	0.0061	14	U	
923EX149(3.0)DUP	12/28/98	Ethylbenzene	0.0061	19	U	
923EX149(3.0)DUP	12/28/98	Xylenes (Total)	0.0061	4,340	U	
923EX149(3.0)DUP	12/28/98	Total Carcinogenic PAHs	0.0304	253		
923EX149(3.0)DUP	12/28/98	Benzo(a)anthracene	0.0059	See Total		
923EX149(3.0)DUP	12/28/98	Benzo(a)pyrene	0.0051	9.0		
923EX149(3.0)DUP	12/28/98	Benzo(b)fluoranthene	0.0056	See Total		
923EX149(3.0)DUP	12/28/98	Benzo(b)fluoranthene	0.0028	See Total		
923EX149(3.0)DUP	12/28/98	Chrysene	0.011	See Total		
923EX149(3.0)DUP	12/28/98	Anthracene	0.4	1,120	U	
923EX149(3.0)DUP	12/28/98	Benzo(g,h,i)perylene	0.4	19,500	U	
923EX149(3.0)DUP	12/28/98	Fluoranthene	0.4	1,160	U	

Footnotes at end of table.
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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 20 of 72)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX149(3.0)DUP	12/28/98	Fluorene	0.4	220	U	
923EX149(3.0)DUP	12/28/98	Naphthalene	0.4	140	U	
923EX149(3.0)DUP	12/28/98	Phenanthrene	0.4	410	U	
923EX149(3.0)DUP	12/28/98	Pyrene	0.4	910	U	
923EX149(3.0)DUP	12/28/98	PCBs (Total)	0.322	1.0	U	
923EX149(3.0)DUP	12/28/98	Aroclor-1016	0.04	See Total	U	
923EX149(3.0)DUP	12/28/98	Aroclor-1221	0.082	See Total	U	
923EX149(3.0)DUP	12/28/98	Aroclor-1232	0.04	See Total	U	
923EX149(3.0)DUP	12/28/98	Aroclor-1242	0.04	See Total	U	
923EX149(3.0)DUP	12/28/98	Aroclor-1248	0.04	See Total	U	
923EX149(3.0)DUP	12/28/98	Aroclor-1254	0.04	See Total	U	
923EX149(3.0)DUP	12/28/98	Aroclor-1260	0.04	See Total	U	
923EX149(3.0)DUP	12/28/98	Cadmium	0.37	3.99	U	
923EX149(3.0)DUP	12/28/98	Chromium	600	1,300		
923EX149(3.0)DUP	12/28/98	Copper	18	88		
923EX149(3.0)DUP	12/28/98	Lead	26	477		
923EX149(3.0)DUP	12/28/98	Mercury	0.25	2.79	U	
923EX149(3.0)DUP	12/28/98	Nickel	750	5,500		
923EX149(3.0)DUP	12/28/98	Zinc	35	89		
923EX151(5.0)	12/08/98	cis-1,2-Dichloroethene	0.0063	467	U	
923EX151(5.0)	12/08/98	trans-1,2-Dichloroethene	0.0063	1,027	U	
923EX151(5.0)	12/08/98	Trichloroethene	0.0063	1.3	U	
923EX151(5.0)	12/08/98	Vinyl Chloride	0.013	3.0	U	
923EX151(5.0)	12/8/98	Methylene Chloride	0.0063	54	U	
923EX151(5.0)	12/8/98	Acetone	0.1	6,300	J+	
923EX151(5.0)	12/8/98	Bromodichloromethane	0.0063	1.89	U	
923EX151(5.0)	12/8/98	Bromoform	0.0063	168	U	
923EX151(5.0)	12/8/98	Bromomethane	0.013	20.4	U	
923EX151(5.0)	12/8/98	2-Butanone	0.025	21,300	U	
923EX151(5.0)	12/8/98	Carbon Disulfide	0.0063	22.5	U	
923EX151(5.0)	12/8/98	Carbon Tetrachloride	0.0063	0.69	U	
923EX151(5.0)	12/8/98	Chlorobenzene	0.0063	195	U	
923EX151(5.0)	12/8/98	Chloroethane	0.013	3,300	U	
923EX151(5.0)	12/8/98	Chloroform	0.0063	0.75	U	
923EX151(5.0)	12/8/98	Chloromethane	0.013	3.6	U	
923EX151(5.0)	12/8/98	Dibromochloromethane	0.0063	15.9	U	
923EX151(5.0)	12/8/98	1,2-Dichlorobenzene	0.0063	2,100	U	
923EX151(5.0)	12/8/98	1,3-Dichlorobenzene	0.0063	1,500	U	
923EX151(5.0)	12/8/98	1,4-Dichlorobenzene	0.0063	10.8	U	

Footnotes at end of table.
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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 21 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX151(5.0)	12/8/98	1,1-Dichloroethane	0.0063	1,500	U	
923EX151(5.0)	12/8/98	1,2-Dichloroethane	0.0063	0.75	U	
923EX151(5.0)	12/8/98	1,1-Dichloroethene	0.0063	0.111	U	
923EX151(5.0)	12/8/98	1,2-Dichloropropane	0.0063	0.93	U	
923EX151(5.0)	12/8/98	1,3-Dichloropropene	0.0126	0.75	U	
923EX151(5.0)	12/8/98	2-Hexanone	0.025	NA	U	
923EX151(5.0)	12/8/98	4-Methyl-2-Pentanone	0.025	2,310	U	
923EX151(5.0)	12/8/98	Styrene	0.0063	2,040	U	
923EX151(5.0)	12/8/98	1,1,2,2-Tetrachloroethane	0.0063	1.35	U	
923EX151(5.0)	12/8/98	Tetrachloroethene	0.0063	15	U	
923EX151(5.0)	12/8/98	1,1,1-Trichloroethane	0.0063	3,600	U	
923EX151(5.0)	12/8/98	1,1,2-Trichloroethane	0.0063	1.95	U	
923EX151(5.0)	12/8/98	Trichlorofluoromethane	0.013	1,140	U	
923EX151(5.0)	12/8/98	Vinyl Acetate	0.013	2,340	U	
923EX151(5.0)	12/08/98	Gasoline	1.3	1,690	U	
923EX151(5.0)	12/08/98	Diesel	13	1,950	U	
923EX151(5.0)	12/08/98	Fuel Oil	30	2,730		
923EX151(5.0)	12/08/98	Benzene	0.0063	1.0	U	
923EX151(5.0)	12/08/98	Toluene	0.0063	14	U	
923EX151(5.0)	12/08/98	Ethylbenzene	0.0063	19	U	
923EX151(5.0)	12/08/98	Xylenes (Total)	0.0063	4,340	U	
923EX151(5.0)	12/08/98	Total Carcinogenic PAHs	2.1	253	U	
923EX151(5.0)	12/08/98	Benzo(a)anthracene	0.42	See Total	U	
923EX151(5.0)	12/08/98	Benzo(a)pyrene	0.42	9.0	U	
923EX151(5.0)	12/08/98	Benzo(b)fluoranthene	0.42	See Total	U	
923EX151(5.0)	12/08/98	Benzo(b)fluoranthene	0.42	See Total	U	
923EX151(5.0)	12/08/98	Chrysene	0.42	See Total	U	
923EX151(5.0)	12/08/98	Anthracene	0.42	1,120	U	
923EX151(5.0)	12/08/98	Benzo(g,h,i)perylene	0.42	19,500	U	
923EX151(5.0)	12/08/98	Fluoranthene	0.42	1,160	U	
923EX151(5.0)	12/08/98	Fluorene	0.42	220	U	
923EX151(5.0)	12/08/98	Naphthalene	0.42	140	U	
923EX151(5.0)	12/08/98	Phenanthrene	0.42	410	U	
923EX151(5.0)	12/08/98	Pyrene	0.42	910	U	
923EX151(5.0)	12/08/98	PCBs (Total)	0.337	1.0	U	
923EX151(5.0)	12/08/98	Aroclor-1016	0.042	See Total	U	
923EX151(5.0)	12/08/98	Aroclor-1221	0.085	See Total	U	
923EX151(5.0)	12/08/98	Aroclor-1232	0.042	See Total	U	
923EX151(5.0)	12/08/98	Aroclor-1242	0.042	See Total	U	

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 22 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX151(5.0)	12/08/98	Aroclor-1248	0.042	See Total	U	
923EX151(5.0)	12/08/98	Aroclor-1254	0.042	See Total	U	
923EX151(5.0)	12/08/98	Aroclor-1260	0.042	See Total	U	
923EX151(5.0)	12/08/98	Cadmium	0.38	3.99	U	
923EX151(5.0)	12/08/98	Chromium	970	1,300	J	
923EX151(5.0)	12/08/98	Copper	16	88	J	
923EX151(5.0)	12/08/98	Lead	20	477		
923EX151(5.0)	12/08/98	Mercury	0.25	2.79	UJ	
923EX151(5.0)	12/08/98	Nickel	1,300	5,500	J	
923EX151(5.0)	12/08/98	Zinc	56	89	J	
923EX152(4.0)	12/08/98	cis-1,2-Dichloroethene	0.029	467	U	
923EX152(4.0)	12/08/98	trans-1,2-Dichloroethene	0.029	1,027	U	
923EX152(4.0)	12/08/98	Trichloroethene	0.029	1.3	U	
923EX152(4.0)	12/08/98	Vinyl Chloride	0.058	3.0	U	
923EX152(4.0)	12/08/98	Methylene Chloride	0.029	54	U	
923EX152(4.0)	12/08/98	Acetone	0.42	6,300	J+	
923EX152(4.0)	12/08/98	Bromodichloromethane	0.029	1.89	U	
923EX152(4.0)	12/08/98	Bromoform	0.029	168	U	
923EX152(4.0)	12/08/98	Bromomethane	0.058	20.4	U	
923EX152(4.0)	12/08/98	2-Butanone	0.12	21,300	U	
923EX152(4.0)	12/08/98	Carbon Disulfide	0.029	22.5	U	
923EX152(4.0)	12/08/98	Carbon Tetrachloride	0.029	0.69	U	
923EX152(4.0)	12/08/98	Chlorobenzene	0.017	195	J	
923EX152(4.0)	12/08/98	Chloroethane	0.058	3,300	U	
923EX152(4.0)	12/08/98	Chloroform	0.029	0.75	U	
923EX152(4.0)	12/08/98	Chloromethane	0.058	3.6	U	
923EX152(4.0)	12/08/98	Dibromochloromethane	0.029	15.9	U	
923EX152(4.0)	12/08/98	1,2-Dichlorobenzene	0.029	2,100	U	
923EX152(4.0)	12/08/98	1,3-Dichlorobenzene	0.029	1,500	U	
923EX152(4.0)	12/08/98	1,4-Dichlorobenzene	0.029	10.8	U	
923EX152(4.0)	12/08/98	1,1-Dichloroethane	0.029	1,500	U	
923EX152(4.0)	12/08/98	1,2-Dichloroethane	0.029	0.75	U	
923EX152(4.0)	12/08/98	1,1-Dichloroethene	0.029	0.111	U	
923EX152(4.0)	12/08/98	1,2-Dichloropropane	0.029	0.93	U	
923EX152(4.0)	12/08/98	1,3-Dichloropropene	0.058	0.75	U	
923EX152(4.0)	12/08/98	2-Hexanone	0.12	NA	U	
923EX152(4.0)	12/08/98	4-Methyl-2-Pentanone	0.12	2,310	U	
923EX152(4.0)	12/08/98	Styrene	0.029	2,040	U	
923EX152(4.0)	12/08/98	1,1,2,2-Tetrachloroethane	0.029	1.35	U	

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 23 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX152(4.0)	12/08/98	Tetrachloroethene	0.037	15		
923EX152(4.0)	12/08/98	1,1,1-Trichloroethane	0.029	3,600	U	
923EX152(4.0)	12/08/98	1,1,2-Trichloroethane	0.029	1.95	U	
923EX152(4.0)	12/08/98	Trichlorofluoromethane	0.058	1,140	U	
923EX152(4.0)	12/08/98	Vinyl Acetate	0.058	2,340	U	
923EX152(4.0)	12/08/98	Gasoline	1,600	1,690	J	
923EX152(4.0)	12/08/98	Diesel	380	1,950		
923EX152(4.0)	12/08/98	Fuel Oil	640	2,730		
923EX152(4.0)	12/08/98	Benzene	0.029	1.0	U	
923EX152(4.0)	12/08/98	Toluene	0.029	14	U	
923EX152(4.0)	12/08/98	Ethylbenzene	0.029	19	U	
923EX152(4.0)	12/08/98	Xylenes (Total)	0.029	4,340	U	
923EX152(4.0)	12/08/98	Total Carcinogenic PAHs	7.5	253	U	
923EX152(4.0)	12/08/98	Benzo(a)anthracene	1.5	See Total	U	
923EX152(4.0)	12/08/98	Benzo(a)pyrene	1.5	9.0	U	
923EX152(4.0)	12/08/98	Benzo(b)fluoranthene	1.5	See Total	U	
923EX152(4.0)	12/08/98	Benzo(b)fluoranthene	1.5	See Total	U	
923EX152(4.0)	12/08/98	Chrysene	1.5	See Total	U	
923EX152(4.0)	12/08/98	Anthracene	1.5	1,120	U	
923EX152(4.0)	12/08/98	Benzo(g,h,i)perylene	1.5	19,500	U	
923EX152(4.0)	12/08/98	Fluoranthene	1.5	1,160	U	
923EX152(4.0)	12/08/98	Fluorene	1.5	220	U	
923EX152(4.0)	12/08/98	Naphthalene	1.5	140	U	
923EX152(4.0)	12/08/98	Phenanthrene	1.5	410	U	
923EX152(4.0)	12/08/98	Pyrene	1.5	910	U	
923EX152(4.0)	12/08/98	PCBs (Total)	0.306	1.0	U	
923EX152(4.0)	12/08/98	Aroclor-1016	0.038	See Total	U	
923EX152(4.0)	12/08/98	Aroclor-1221	0.078	See Total	U	
923EX152(4.0)	12/08/98	Aroclor-1232	0.038	See Total	U	
923EX152(4.0)	12/08/98	Aroclor-1242	0.038	See Total	U	
923EX152(4.0)	12/08/98	Aroclor-1248	0.038	See Total	U	
923EX152(4.0)	12/08/98	Aroclor-1254	0.038	See Total	U	
923EX152(4.0)	12/08/98	Aroclor-1260	0.038	See Total	U	
923EX152(4.0)	12/08/98	Cadmium	0.35	3.99	U	
923EX152(4.0)	12/08/98	Chromium	1,200	1,300	J	
923EX152(4.0)	12/08/98	Copper	12	88	J	
923EX152(4.0)	12/08/98	Lead	12	477	UJ	
923EX152(4.0)	12/08/98	Mercury	0.23	2.79	UJ	
923EX152(4.0)	12/08/98	Nickel	1,500	5,500	J	

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 24 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX152(4.0)	12/08/98	Zinc	32	89	J	
923EX153(3.0)	12/28/98	cis-1,2-Dichloroethene	0.0054	467	U	
923EX153(3.0)	12/28/98	trans-1,2-Dichloroethene	0.0054	1,027	U	
923EX153(3.0)	12/28/98	Trichloroethene	0.0054	1.3	U	
923EX153(3.0)	12/28/98	Vinyl Chloride	0.011	3.0	U	
923EX153(3.0)	12/28/98	Methylene Chloride	0.0054	54	U	
923EX153(3.0)	12/28/98	Acetone	0.022	6,300		
923EX153(3.0)	12/28/98	Bromodichloromethane	0.0054	1.89	U	
923EX153(3.0)	12/28/98	Bromoform	0.0054	168	U	
923EX153(3.0)	12/28/98	Bromomethane	0.011	20.4	U	
923EX153(3.0)	12/28/98	2-Butanone	0.021	21,300	U	
923EX153(3.0)	12/28/98	Carbon Disulfide	0.0054	22.5	U	
923EX153(3.0)	12/28/98	Carbon Tetrachloride	0.0054	0.69	U	
923EX153(3.0)	12/28/98	Chlorobenzene	0.0054	195	U	
923EX153(3.0)	12/28/98	Chloroethane	0.011	3,300	U	
923EX153(3.0)	12/28/98	Chloroform	0.0054	0.75	U	
923EX153(3.0)	12/28/98	Chloromethane	0.011	3.6	U	
923EX153(3.0)	12/28/98	Dibromochloromethane	0.0054	15.9	U	
923EX153(3.0)	12/28/98	1,2-Dichlorobenzene	0.0054	2,100	U	
923EX153(3.0)	12/28/98	1,3-Dichlorobenzene	0.0054	1,500	U	
923EX153(3.0)	12/28/98	1,4-Dichlorobenzene	0.0054	10.8	U	
923EX153(3.0)	12/28/98	1,1-Dichloroethane	0.0054	1,500	U	
923EX153(3.0)	12/28/98	1,2-Dichloroethane	0.0054	0.75	U	
923EX153(3.0)	12/28/98	1,1-Dichloroethene	0.0054	0.111	U	
923EX153(3.0)	12/28/98	1,2-Dichloropropane	0.0054	0.93	U	
923EX153(3.0)	12/28/98	1,3-Dichloropropene	0.0108	0.75	U	
923EX153(3.0)	12/28/98	2-Hexanone	0.021	NA	U	
923EX153(3.0)	12/28/98	4-Methyl-2-Pentanone	0.021	2,310	U	
923EX153(3.0)	12/28/98	Styrene	0.0054	2,040	U	
923EX153(3.0)	12/28/98	1,1,2,2-Tetrachloroethane	0.0054	1.35	U	
923EX153(3.0)	12/28/98	Tetrachloroethene	0.0054	15	U	
923EX153(3.0)	12/28/98	1,1,1-Trichloroethane	0.0054	3,600	U	
923EX153(3.0)	12/28/98	1,1,2-Trichloroethane	0.0054	1.95	U	
923EX153(3.0)	12/28/98	Trichlorofluoromethane	0.011	1,140	U	
923EX153(3.0)	12/28/98	Vinyl Acetate	0.011	2,340	U	
923EX153(3.0)	12/28/98	Gasoline	1.1	1,690	U	
923EX153(3.0)	12/28/98	Diesel	310	1,950		
923EX153(3.0)	12/28/98	Fuel Oil	1,000	2,730		
923EX153(3.0)	12/28/98	Benzene	0.0054	1.0	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 25 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX153(3.0)	12/28/98	Toluene	0.0054	14	U	
923EX153(3.0)	12/28/98	Ethylbenzene	0.0054	19	U	
923EX153(3.0)	12/28/98	Xylenes (Total)	0.0054	4,340	U	
923EX153(3.0)	12/28/98	Total Carcinogenic PAHs	7	253	U	
923EX153(3.0)	12/28/98	Benzo(a)anthracene	1.4	See Total	U	
923EX153(3.0)	12/28/98	Benzo(a)pyrene	1.4	9.0	U	
923EX153(3.0)	12/28/98	Benzo(b)fluoranthene	1.4	See Total	U	
923EX153(3.0)	12/28/98	Benzo(b)fluoranthene	1.4	See Total	U	
923EX153(3.0)	12/28/98	Chrysene	1.4	See Total	U	
923EX153(3.0)	12/28/98	Anthracene	1.4	1,120	U	
923EX153(3.0)	12/28/98	Benzo(g,h,i)perylene	1.4	19,500	U	
923EX153(3.0)	12/28/98	Fluoranthene	1.4	1,160	U	
923EX153(3.0)	12/28/98	Fluorene	1.4	220	U	
923EX153(3.0)	12/28/98	Naphthalene	1.4	140	U	
923EX153(3.0)	12/28/98	Phenanthrene	1.4	410	U	
923EX153(3.0)	12/28/98	Pyrene	1.4	910	U	
923EX153(3.0)	12/28/98	PCBs (Total)	0.282	1.0	U	
923EX153(3.0)	12/28/98	Aroclor-1016	0.035	See Total	U	
923EX153(3.0)	12/28/98	Aroclor-1221	0.072	See Total	U	
923EX153(3.0)	12/28/98	Aroclor-1232	0.035	See Total	U	
923EX153(3.0)	12/28/98	Aroclor-1242	0.035	See Total	U	
923EX153(3.0)	12/28/98	Aroclor-1248	0.035	See Total	U	
923EX153(3.0)	12/28/98	Aroclor-1254	0.035	See Total	U	
923EX153(3.0)	12/28/98	Aroclor-1260	0.035	See Total	U	
923EX153(3.0)	12/28/98	Cadmium	0.32	3.99	U	
923EX153(3.0)	12/28/98	Chromium	74	1,300		
923EX153(3.0)	12/28/98	Copper	7.1	88		
923EX153(3.0)	12/28/98	Lead	5.7	477	J	
923EX153(3.0)	12/28/98	Mercury	0.21	2.79	U	
923EX153(3.0)	12/28/98	Nickel	98	5,500		
923EX153(3.0)	12/28/98	Zinc	21	89		
923EX156(3.0)	12/28/98	cis-1,2-Dichloroethene	0.0061	467	U	
923EX156(3.0)	12/28/98	trans-1,2-Dichloroethene	0.0061	1,027	U	
923EX156(3.0)	12/28/98	Trichloroethene	0.0061	1.3	U	
923EX156(3.0)	12/28/98	Vinyl Chloride	0.012	3.0	U	
923EX156(3.0)	12/28/98	Methylene Chloride	0.0061	54	U	
923EX156(3.0)	12/28/98	Acetone	0.025	6,300	U	
923EX156(3.0)	12/28/98	Bromodichloromethane	0.0061	1.89	U	
923EX156(3.0)	12/28/98	Bromoform	0.0061	168	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 26 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX156(3.0)	12/28/98	Bromomethane	0.012	20.4	U	
923EX156(3.0)	12/28/98	2-Butanone	0.025	21,300	U	
923EX156(3.0)	12/28/98	Carbon Disulfide	0.0061	22.5	U	
923EX156(3.0)	12/28/98	Carbon Tetrachloride	0.0061	0.69	U	
923EX156(3.0)	12/28/98	Chlorobenzene	0.0061	195	U	
923EX156(3.0)	12/28/98	Chloroethane	0.012	3,300	U	
923EX156(3.0)	12/28/98	Chloroform	0.0061	0.75	U	
923EX156(3.0)	12/28/98	Chloromethane	0.012	3.6	U	
923EX156(3.0)	12/28/98	Dibromochloromethane	0.0061	15.9	U	
923EX156(3.0)	12/28/98	1,2-Dichlorobenzene	0.0061	2,100	U	
923EX156(3.0)	12/28/98	1,3-Dichlorobenzene	0.0061	1,500	U	
923EX156(3.0)	12/28/98	1,4-Dichlorobenzene	0.0061	10.8	U	
923EX156(3.0)	12/28/98	1,1-Dichloroethane	0.0061	1,500	U	
923EX156(3.0)	12/28/98	1,2-Dichloroethane	0.0061	0.75	U	
923EX156(3.0)	12/28/98	1,1-Dichloroethene	0.0061	0.111	U	
923EX156(3.0)	12/28/98	1,2-Dichloropropane	0.0061	0.93	U	
923EX156(3.0)	12/28/98	1,3-Dichloropropene	0.0122	0.75	U	
923EX156(3.0)	12/28/98	2-Hexanone	0.025	NA	U	
923EX156(3.0)	12/28/98	4-Methyl-2-Pentanone	0.025	2,310	U	
923EX156(3.0)	12/28/98	Styrene	0.0061	2,040	U	
923EX156(3.0)	12/28/98	1,1,2,2-Tetrachloroethane	0.0061	1.35	U	
923EX156(3.0)	12/28/98	Tetrachloroethene	0.0061	15	U	
923EX156(3.0)	12/28/98	1,1,1-Trichloroethane	0.0061	3,600	U	
923EX156(3.0)	12/28/98	1,1,2-Trichloroethane	0.0061	1.95	U	
923EX156(3.0)	12/28/98	Trichlorofluoromethane	0.012	1,140	U	
923EX156(3.0)	12/28/98	Vinyl Acetate	0.012	2,340	U	
923EX156(3.0)	12/28/98	Gasoline	1.2	1,690	U	
923EX156(3.0)	12/28/98	Diesel	12	1,950	U	
923EX156(3.0)	12/28/98	Fuel Oil	22	2,730		
923EX156(3.0)	12/28/98	Benzene	0.0061	1.0	U	
923EX156(3.0)	12/28/98	Toluene	0.0061	14	U	
923EX156(3.0)	12/28/98	Ethylbenzene	0.0061	19	U	
923EX156(3.0)	12/28/98	Xylenes (Total)	0.0061	4,340	U	
923EX156(3.0)	12/28/98	Total Carcinogenic PAHs	2	253	U	
923EX156(3.0)	12/28/98	Benzo(a)anthracene	0.4	See Total	U	
923EX156(3.0)	12/28/98	Benzo(a)pyrene	0.4	9.0	U	
923EX156(3.0)	12/28/98	Benzo(b)fluoranthene	0.4	See Total	U	
923EX156(3.0)	12/28/98	Benzo(b)fluoranthene	0.4	See Total	U	
923EX156(3.0)	12/28/98	Chrysene	0.4	See Total	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 27 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX156(3.0)	12/28/98	Anthracene	0.4	1,120	U	
923EX156(3.0)	12/28/98	Benzo(g,h,i)perylene	0.4	19,500	U	
923EX156(3.0)	12/28/98	Fluoranthene	0.4	1,160	U	
923EX156(3.0)	12/28/98	Fluorene	0.4	220	U	
923EX156(3.0)	12/28/98	Naphthalene	0.4	140	U	
923EX156(3.0)	12/28/98	Phenanthrene	0.4	410	U	
923EX156(3.0)	12/28/98	Pyrene	0.4	910	U	
923EX156(3.0)	12/28/98	PCBs (Total)	0.322	1.0	U	
923EX156(3.0)	12/28/98	Aroclor-1016	0.04	See Total	U	
923EX156(3.0)	12/28/98	Aroclor-1221	0.082	See Total	U	
923EX156(3.0)	12/28/98	Aroclor-1232	0.04	See Total	U	
923EX156(3.0)	12/28/98	Aroclor-1242	0.04	See Total	U	
923EX156(3.0)	12/28/98	Aroclor-1248	0.04	See Total	U	
923EX156(3.0)	12/28/98	Aroclor-1254	0.04	See Total	U	
923EX156(3.0)	12/28/98	Aroclor-1260	0.04	See Total	U	
923EX156(3.0)	12/28/98	Cadmium	0.37	3.99	U	
923EX156(3.0)	12/28/98	Chromium	270	1,300		
923EX156(3.0)	12/28/98	Copper	16	88		
923EX156(3.0)	12/28/98	Lead	27	477		
923EX156(3.0)	12/28/98	Mercury	0.25	2.79	U	
923EX156(3.0)	12/28/98	Nickel	430	5,500		
923EX156(3.0)	12/28/98	Zinc	35	89		
923EX158(2.0)10	01/13/99	cis-1,2-Dichloroethene	0.006	467	U	
923EX158(2.0)10	01/13/99	trans-1,2-Dichloroethene	0.006	1,027	U	
923EX158(2.0)10	01/13/99	Trichloroethene	0.006	1.3	U	
923EX158(2.0)10	01/13/99	Vinyl Chloride	0.012	3.0	U	
923EX158(2.0)10	1/13/99	Methylene Chloride	0.006	54	U	
923EX158(2.0)10	1/13/99	Acetone	0.051	6,300	U	
923EX158(2.0)10	1/13/99	Bromodichloromethane	0.006	1.89	U	
923EX158(2.0)10	1/13/99	Bromoform	0.006	168	U	
923EX158(2.0)10	1/13/99	Bromomethane	0.012	20.4	U	
923EX158(2.0)10	1/13/99	2-Butanone	0.024	21,300	U	
923EX158(2.0)10	1/13/99	Carbon Disulfide	0.006	22.5	U	
923EX158(2.0)10	1/13/99	Carbon Tetrachloride	0.006	0.69	U	
923EX158(2.0)10	1/13/99	Chlorobenzene	0.006	195	U	
923EX158(2.0)10	1/13/99	Chloroethane	0.012	3,300	U	
923EX158(2.0)10	1/13/99	Chloroform	0.006	0.75	U	
923EX158(2.0)10	1/13/99	Chloromethane	0.012	3.6	U	
923EX158(2.0)10	1/13/99	Dibromochloromethane	0.006	15.9	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 28 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX158(2.0)10	1/13/99	1,2-Dichlorobenzene	0.006	2,100	U	
923EX158(2.0)10	1/13/99	1,3-Dichlorobenzene	0.006	1,500	U	
923EX158(2.0)10	1/13/99	1,4-Dichlorobenzene	0.006	10.8	U	
923EX158(2.0)10	1/13/99	1,1-Dichloroethane	0.006	1,500	U	
923EX158(2.0)10	1/13/99	1,2-Dichloroethane	0.006	0.75	U	
923EX158(2.0)10	1/13/99	1,1-Dichloroethene	0.006	0.111	U	
923EX158(2.0)10	1/13/99	1,2-Dichloropropane	0.006	0.93	U	
923EX158(2.0)10	1/13/99	1,3-Dichloropropene	0.012	0.75	U	
923EX158(2.0)10	1/13/99	2-Hexanone	0.024	NA	U	
923EX158(2.0)10	1/13/99	4-Methyl-2-Pentanone	0.024	2,310	U	
923EX158(2.0)10	1/13/99	Styrene	0.006	2,040	U	
923EX158(2.0)10	1/13/99	1,1,2,2-Tetrachloroethane	0.006	1.35	U	
923EX158(2.0)10	1/13/99	Tetrachloroethene	0.006	15	U	
923EX158(2.0)10	1/13/99	1,1,1-Trichloroethane	0.006	3,600	U	
923EX158(2.0)10	1/13/99	1,1,2-Trichloroethane	0.006	1.95	U	
923EX158(2.0)10	1/13/99	Trichlorofluoromethane	0.012	1,140	U	
923EX158(2.0)10	1/13/99	Vinyl Acetate	0.012	2,340	U	
923EX158(2.0)10	01/13/99	Gasoline	1.2	610	U	
923EX158(2.0)10	01/13/99	Diesel	12	700	U	
923EX158(2.0)10	01/13/99	Fuel Oil	10	980	J	
923EX158(2.0)10	01/13/99	Benzene	0.006	1.0	U	
923EX158(2.0)10	01/13/99	Toluene	0.006	270	U	
923EX158(2.0)10	01/13/99	Ethylbenzene	0.006	125	U	
923EX158(2.0)10	01/13/99	Xylenes (Total)	0.006	55	U	
923EX158(2.0)10	01/13/99	Total Carcinogenic PAHs	0.187	253	U	
923EX158(2.0)10	01/13/99	Benzo(a)anthracene	0.096	See Total	U	
923EX158(2.0)10	01/13/99	Benzo(a)pyrene	0.024	9.0	U	
923EX158(2.0)10	01/13/99	Benzo(b)fluoranthene	0.0096	See Total	U	
923EX158(2.0)10	01/13/99	Benzo(b)fluoranthene	0.0096	See Total	U	
923EX158(2.0)10	01/13/99	Chrysene	0.048	See Total	U	
923EX158(2.0)10	01/13/99	Anthracene	0.4	1,120	U	
923EX158(2.0)10	01/13/99	Benzo(g,h,i)perylene	0.4	19,500	U	
923EX158(2.0)10	01/13/99	Fluoranthene	0.4	1,160	U	
923EX158(2.0)10	01/13/99	Fluorene	0.4	220	U	
923EX158(2.0)10	01/13/99	Naphthalene	0.4	140	U	
923EX158(2.0)10	01/13/99	Phenanthrene	0.4	410	U	
923EX158(2.0)10	01/13/99	Pyrene	0.4	910	U	
923EX158(2.0)10	01/13/99	PCBs (Total)	0.32	1.0	U	
923EX158(2.0)10	01/13/99	Aroclor-1016	0.04	See Total	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 29 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX158(2.0)10	01/13/99	Aroclor-1221	0.08	See Total	U	
923EX158(2.0)10	01/13/99	Aroclor-1232	0.04	See Total	U	
923EX158(2.0)10	01/13/99	Aroclor-1242	0.04	See Total	U	
923EX158(2.0)10	01/13/99	Aroclor-1248	0.04	See Total	U	
923EX158(2.0)10	01/13/99	Aroclor-1254	0.04	See Total	U	
923EX158(2.0)10	01/13/99	Aroclor-1260	0.04	See Total	U	
923EX158(2.0)10	01/13/99	Cadmium	0.36	3.99	U	
923EX158(2.0)10	01/13/99	Chromium	1,000	1,300		
923EX158(2.0)10	01/13/99	Copper	11	88		
923EX158(2.0)10	01/13/99	Lead	20	477		
923EX158(2.0)10	01/13/99	Mercury	0.24	2.79	U	
923EX158(2.0)10	01/13/99	Nickel	1,400	5,500		
923EX158(2.0)10	01/13/99	Zinc	37	89		
923EX158(2.0)10DUP	01/13/99	cis-1,2-Dichloroethene	0.0059	467	U	923DUP011399A
923EX158(2.0)10DUP	01/13/99	trans-1,2-Dichloroethene	0.0059	1,027	U	
923EX158(2.0)10DUP	01/13/99	Trichloroethene	0.0059	1.3	U	
923EX158(2.0)10DUP	01/13/99	Vinyl Chloride	0.012	3.0	U	
923EX158(2.0)10DUP	1/13/99	Methylene Chloride	0.0059	54	U	
923EX158(2.0)10DUP	1/13/99	Acetone	0.051	6,300	U	
923EX158(2.0)10DUP	1/13/99	Bromodichloromethane	0.0059	1.89	U	
923EX158(2.0)10DUP	1/13/99	Bromoform	0.0059	168	U	
923EX158(2.0)10DUP	1/13/99	Bromomethane	0.012	20.4	U	
923EX158(2.0)10DUP	1/13/99	2-Butanone	0.024	21,300	U	
923EX158(2.0)10DUP	1/13/99	Carbon Disulfide	0.0059	22.5	U	
923EX158(2.0)10DUP	1/13/99	Carbon Tetrachloride	0.0059	0.69	U	
923EX158(2.0)10DUP	1/13/99	Chlorobenzene	0.0059	195	U	
923EX158(2.0)10DUP	1/13/99	Chloroethane	0.012	3,300	U	
923EX158(2.0)10DUP	1/13/99	Chloroform	0.0059	0.75	U	
923EX158(2.0)10DUP	1/13/99	Chloromethane	0.012	3.6	U	
923EX158(2.0)10DUP	1/13/99	Dibromochloromethane	0.0059	15.9	U	
923EX158(2.0)10DUP	1/13/99	1,2-Dichlorobenzene	0.0059	2,100	U	
923EX158(2.0)10DUP	1/13/99	1,3-Dichlorobenzene	0.0059	1,500	U	
923EX158(2.0)10DUP	1/13/99	1,4-Dichlorobenzene	0.0059	10.8	U	
923EX158(2.0)10DUP	1/13/99	1,1-Dichloroethane	0.0059	1,500	U	
923EX158(2.0)10DUP	1/13/99	1,2-Dichloroethane	0.0059	0.75	U	
923EX158(2.0)10DUP	1/13/99	1,1-Dichloroethene	0.0059	0.111	U	
923EX158(2.0)10DUP	1/13/99	1,2-Dichloropropane	0.0059	0.93	U	
923EX158(2.0)10DUP	1/13/99	1,3-Dichloropropene	0.0118	0.75	U	
923EX158(2.0)10DUP	1/13/99	2-Hexanone	0.024	NA	UJ	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 30 of 72)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX158(2.0)10DUP	1/13/99	4-Methyl-2-Pentanone	0.024	2,310	U	
923EX158(2.0)10DUP	1/13/99	Styrene	0.0059	2,040	U	
923EX158(2.0)10DUP	1/13/99	1,1,2,2-Tetrachloroethane	0.0059	1.35	U	
923EX158(2.0)10DUP	1/13/99	Tetrachloroethene	0.0059	15	U	
923EX158(2.0)10DUP	1/13/99	1,1,1-Trichloroethane	0.0059	3,600	U	
923EX158(2.0)10DUP	1/13/99	1,1,2-Trichloroethane	0.0059	1.95	U	
923EX158(2.0)10DUP	1/13/99	Trichlorofluoromethane	0.012	1,140	U	
923EX158(2.0)10DUP	1/13/99	Vinyl Acetate	0.012	2,340	U	
923EX158(2.0)10DUP	01/13/99	Gasoline	1.2	610	U	
923EX158(2.0)10DUP	01/13/99	Diesel	12	700	U	
923EX158(2.0)10DUP	01/13/99	Fuel Oil	6.3	980	J	
923EX158(2.0)10DUP	01/13/99	Benzene	0.0059	1.0	U	
923EX158(2.0)10DUP	01/13/99	Toluene	0.0059	270	U	
923EX158(2.0)10DUP	01/13/99	Ethylbenzene	0.0059	125	U	
923EX158(2.0)10DUP	01/13/99	Xylenes (Total)	0.0059	55	UJ	
923EX158(2.0)10DUP	01/13/99	Total Carcinogenic PAHs	0.184	253	U	
923EX158(2.0)10DUP	01/13/99	Benzo(a)anthracene	0.094	See Total	U	
923EX158(2.0)10DUP	01/13/99	Benzo(a)pyrene	0.024	9.0	U	
923EX158(2.0)10DUP	01/13/99	Benzo(b)fluoranthene	0.0094	See Total	U	
923EX158(2.0)10DUP	01/13/99	Benzo(b)fluoranthene	0.0094	See Total	U	
923EX158(2.0)10DUP	01/13/99	Chrysene	0.047	See Total	U	
923EX158(2.0)10DUP	01/13/99	Anthracene	0.39	1,120	U	
923EX158(2.0)10DUP	01/13/99	Benzo(g,h,i)perylene	0.39	19,500	U	
923EX158(2.0)10DUP	01/13/99	Fluoranthene	0.39	1,160	U	
923EX158(2.0)10DUP	01/13/99	Fluorene	0.39	220	U	
923EX158(2.0)10DUP	01/13/99	Naphthalene	0.39	140	U	
923EX158(2.0)10DUP	01/13/99	Phenanthrene	0.39	410	U	
923EX158(2.0)10DUP	01/13/99	Pyrene	0.39	910	U	
923EX158(2.0)10DUP	01/13/99	PCBs (Total)	0.31	1.0	U	
923EX158(2.0)10DUP	01/13/99	Aroclor-1016	0.039	See Total	U	
923EX158(2.0)10DUP	01/13/99	Aroclor-1221	0.079	See Total	U	
923EX158(2.0)10DUP	01/13/99	Aroclor-1232	0.039	See Total	U	
923EX158(2.0)10DUP	01/13/99	Aroclor-1242	0.039	See Total	U	
923EX158(2.0)10DUP	01/13/99	Aroclor-1248	0.039	See Total	U	
923EX158(2.0)10DUP	01/13/99	Aroclor-1254	0.039	See Total	U	
923EX158(2.0)10DUP	01/13/99	Aroclor-1260	0.039	See Total	U	
923EX158(2.0)10DUP	01/13/99	Cadmium	0.35	3.99	U	
923EX158(2.0)10DUP	01/13/99	Chromium	1,000	1,300		
923EX158(2.0)10DUP	01/13/99	Copper	11	88		

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 31 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX158(2.0)10DUP	01/13/99	Lead	12	477	U	
923EX158(2.0)10DUP	01/13/99	Mercury	0.24	2.79	U	
923EX158(2.0)10DUP	01/13/99	Nickel	1,500	5,500		
923EX158(2.0)10DUP	01/13/99	Zinc	30	89		
923EX159(6.0)	12/28/98	cis-1,2-Dichloroethene	0.0071	467	U	
923EX159(6.0)	12/28/98	trans-1,2-Dichloroethene	0.0071	1,027	U	
923EX159(6.0)	12/28/98	Trichloroethene	0.0071	1.3	U	
923EX159(6.0)	12/28/98	Vinyl Chloride	0.014	3.0	U	
923EX159(6.0)	12/28/98	Methylene Chloride	0.0071	54	U	
923EX159(6.0)	12/28/98	Acetone	0.028	6,300	U	
923EX159(6.0)	12/28/98	Bromodichloromethane	0.0071	1.89	U	
923EX159(6.0)	12/28/98	Bromoform	0.0071	168	U	
923EX159(6.0)	12/28/98	Bromomethane	0.014	20.4	U	
923EX159(6.0)	12/28/98	2-Butanone	0.028	21,300	U	
923EX159(6.0)	12/28/98	Carbon Disulfide	0.0071	22.5	U	
923EX159(6.0)	12/28/98	Carbon Tetrachloride	0.0071	0.69	U	
923EX159(6.0)	12/28/98	Chlorobenzene	0.0071	195	U	
923EX159(6.0)	12/28/98	Chloroethane	0.014	3,300	U	
923EX159(6.0)	12/28/98	Chloroform	0.0071	0.75	U	
923EX159(6.0)	12/28/98	Chloromethane	0.014	3.6	U	
923EX159(6.0)	12/28/98	Dibromochloromethane	0.0071	15.9	U	
923EX159(6.0)	12/28/98	1,2-Dichlorobenzene	0.0071	2,100	U	
923EX159(6.0)	12/28/98	1,3-Dichlorobenzene	0.0071	1,500	U	
923EX159(6.0)	12/28/98	1,4-Dichlorobenzene	0.0071	10.8	U	
923EX159(6.0)	12/28/98	1,1-Dichloroethane	0.0071	1,500	U	
923EX159(6.0)	12/28/98	1,2-Dichloroethane	0.0071	0.75	U	
923EX159(6.0)	12/28/98	1,1-Dichloroethene	0.0071	0.111	U	
923EX159(6.0)	12/28/98	1,2-Dichloropropane	0.0071	0.93	U	
923EX159(6.0)	12/28/98	1,3-Dichloropropene	0.0142	0.75	U	
923EX159(6.0)	12/28/98	2-Hexanone	0.028	NA	U	
923EX159(6.0)	12/28/98	4-Methyl-2-Pentanone	0.028	2,310	U	
923EX159(6.0)	12/28/98	Styrene	0.0071	2,040	U	
923EX159(6.0)	12/28/98	1,1,1,2-Tetrachloroethane	0.0071	1.35	U	
923EX159(6.0)	12/28/98	Tetrachloroethene	0.0071	15	U	
923EX159(6.0)	12/28/98	1,1,1-Trichloroethane	0.0071	3,600	U	
923EX159(6.0)	12/28/98	1,1,2-Trichloroethane	0.0071	1.95	U	
923EX159(6.0)	12/28/98	Trichlorofluoromethane	0.014	1,140	U	
923EX159(6.0)	12/28/98	Vinyl Acetate	0.014	2,340	U	
923EX159(6.0)	12/28/98	Gasoline	1.4	1,690	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 32 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX159(6.0)	12/28/98	Diesel	14	1,950	U	
923EX159(6.0)	12/28/98	Fuel Oil	14	2,730	U	
923EX159(6.0)	12/28/98	Benzene	0.0071	1.0	U	
923EX159(6.0)	12/28/98	Toluene	0.0071	14	U	
923EX159(6.0)	12/28/98	Ethylbenzene	0.0071	19	U	
923EX159(6.0)	12/28/98	Xylenes (Total)	0.0071	4,340	U	
923EX159(6.0)	12/28/98	Total Carcinogenic PAHs	2.35	253	U	
923EX159(6.0)	12/28/98	Benzo(a)anthracene	0.47	See Total	U	
923EX159(6.0)	12/28/98	Benzo(a)pyrene	0.47	9.0	U	
923EX159(6.0)	12/28/98	Benzo(b)fluoranthene	0.47	See Total	U	
923EX159(6.0)	12/28/98	Benzo(b)fluoranthene	0.47	See Total	U	
923EX159(6.0)	12/28/98	Chrysene	0.47	See Total	U	
923EX159(6.0)	12/28/98	Anthracene	0.47	1,120	U	
923EX159(6.0)	12/28/98	Benzo(g,h,i)perylene	0.47	19,500	U	
923EX159(6.0)	12/28/98	Fluoranthene	0.47	1,160	U	
923EX159(6.0)	12/28/98	Fluorene	0.47	220	U	
923EX159(6.0)	12/28/98	Naphthalene	0.47	140	U	
923EX159(6.0)	12/28/98	Phenanthrene	0.47	410	U	
923EX159(6.0)	12/28/98	Pyrene	0.47	910	U	
923EX159(6.0)	12/28/98	PCBs (Total)	0.377	1.0	U	
923EX159(6.0)	12/28/98	Aroclor-1016	0.047	See Total	U	
923EX159(6.0)	12/28/98	Aroclor-1221	0.095	See Total	U	
923EX159(6.0)	12/28/98	Aroclor-1232	0.047	See Total	U	
923EX159(6.0)	12/28/98	Aroclor-1242	0.047	See Total	U	
923EX159(6.0)	12/28/98	Aroclor-1248	0.047	See Total	U	
923EX159(6.0)	12/28/98	Aroclor-1254	0.047	See Total	U	
923EX159(6.0)	12/28/98	Aroclor-1260	0.047	See Total	U	
923EX159(6.0)	12/28/98	Cadmium	0.43	3.99	U	
923EX159(6.0)	12/28/98	Chromium	980	1,300		
923EX159(6.0)	12/28/98	Copper	16	88		
923EX159(6.0)	12/28/98	Lead	14	477	U	
923EX159(6.0)	12/28/98	Mercury	0.28	2.79	U	
923EX159(6.0)	12/28/98	Nickel	1,500	5,500		
923EX159(6.0)	12/28/98	Zinc	39	89		
923EX160(2.0)	12/28/98	cis-1,2-Dichloroethene	0.0059	467	U	
923EX160(2.0)	12/28/98	trans-1,2-Dichloroethene	0.0059	1,027	U	
923EX160(2.0)	12/28/98	Trichloroethene	0.0059	1.3	U	
923EX160(2.0)	12/28/98	Vinyl Chloride	0.012	3.0	U	
923EX160(2.0)	12/28/98	Methylene Chloride	0.0059	54	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 33 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX160(2.0)	12/28/98	Acetone	0.024	6,300	U	
923EX160(2.0)	12/28/98	Bromodichloromethane	0.0059	1.89	U	
923EX160(2.0)	12/28/98	Bromoform	0.0059	168	U	
923EX160(2.0)	12/28/98	Bromomethane	0.012	20.4	U	
923EX160(2.0)	12/28/98	2-Butanone	0.024	21,300	U	
923EX160(2.0)	12/28/98	Carbon Disulfide	0.0059	22.5	U	
923EX160(2.0)	12/28/98	Carbon Tetrachloride	0.0059	0.69	U	
923EX160(2.0)	12/28/98	Chlorobenzene	0.0059	195	U	
923EX160(2.0)	12/28/98	Chloroethane	0.012	3,300	U	
923EX160(2.0)	12/28/98	Chloroform	0.0059	0.75	U	
923EX160(2.0)	12/28/98	Chloromethane	0.012	3.6	U	
923EX160(2.0)	12/28/98	Dibromochloromethane	0.0059	15.9	U	
923EX160(2.0)	12/28/98	1,2-Dichlorobenzene	0.0059	2,100	U	
923EX160(2.0)	12/28/98	1,3-Dichlorobenzene	0.0059	1,500	U	
923EX160(2.0)	12/28/98	1,4-Dichlorobenzene	0.0059	10.8	U	
923EX160(2.0)	12/28/98	1,1-Dichloroethane	0.0059	1,500	U	
923EX160(2.0)	12/28/98	1,2-Dichloroethane	0.0059	0.75	U	
923EX160(2.0)	12/28/98	1,1-Dichloroethene	0.0059	0.111	U	
923EX160(2.0)	12/28/98	1,2-Dichloropropane	0.0059	0.93	U	
923EX160(2.0)	12/28/98	1,3-Dichloropropene	0.0118	0.75	U	
923EX160(2.0)	12/28/98	2-Hexanone	0.024	NA	U	
923EX160(2.0)	12/28/98	4-Methyl-2-Pentanone	0.024	2,310	U	
923EX160(2.0)	12/28/98	Styrene	0.0059	2,040	U	
923EX160(2.0)	12/28/98	1,1,2,2-Tetrachloroethane	0.0059	1.35	U	
923EX160(2.0)	12/28/98	Tetrachloroethene	0.0059	15	U	
923EX160(2.0)	12/28/98	1,1,1-Trichloroethane	0.0059	3,600	U	
923EX160(2.0)	12/28/98	1,1,2-Trichloroethane	0.0059	1.95	U	
923EX160(2.0)	12/28/98	Trichlorofluoromethane	0.012	1,140	U	
923EX160(2.0)	12/28/98	Vinyl Acetate	0.012	2,340	U	
923EX160(2.0)	12/28/98	Gasoline	1.2	610	U	
923EX160(2.0)	12/28/98	Diesel	230	700		
923EX160(2.0)	12/28/98	Fuel Oil	390	980		
923EX160(2.0)	12/28/98	Benzene	0.0059	1.0	U	
923EX160(2.0)	12/28/98	Toluene	0.0059	270	U	
923EX160(2.0)	12/28/98	Ethylbenzene	0.0059	125	U	
923EX160(2.0)	12/28/98	Xylenes (Total)	0.0059	55	U	
923EX160(2.0)	12/28/98	Total Carcinogenic PAHs	0.06	253	U	
923EX160(2.0)	12/28/98	Benzo(a)anthracene	0.012	See Total	U	
923EX160(2.0)	12/28/98	Benzo(a)pyrene	0.012	9.0	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 34 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX160(2.0)	12/28/98	Benzo(b)fluoranthene	0.012	See Total	U	
923EX160(2.0)	12/28/98	Benzo(b)fluoranthene	0.012	See Total	U	
923EX160(2.0)	12/28/98	Chrysene	0.012	See Total	U	
923EX160(2.0)	12/28/98	Anthracene	1.6	1,120	U	
923EX160(2.0)	12/28/98	Benzo(g,h,i)perylene	1.6	19,500	U	
923EX160(2.0)	12/28/98	Fluoranthene	1.6	1,160	U	
923EX160(2.0)	12/28/98	Fluorene	1.6	220	U	
923EX160(2.0)	12/28/98	Naphthalene	1.6	140	U	
923EX160(2.0)	12/28/98	Phenanthrene	1.6	410	U	
923EX160(2.0)	12/28/98	Pyrene	1.6	910	U	
923EX160(2.0)	12/28/98	PCBs (Total)	0.313	1.0	U	
923EX160(2.0)	12/28/98	Aroclor-1016	0.039	See Total	U	
923EX160(2.0)	12/28/98	Aroclor-1221	0.079	See Total	U	
923EX160(2.0)	12/28/98	Aroclor-1232	0.039	See Total	U	
923EX160(2.0)	12/28/98	Aroclor-1242	0.039	See Total	U	
923EX160(2.0)	12/28/98	Aroclor-1248	0.039	See Total	U	
923EX160(2.0)	12/28/98	Aroclor-1254	0.039	See Total	U	
923EX160(2.0)	12/28/98	Aroclor-1260	0.039	See Total	U	
923EX160(2.0)	12/28/98	Cadmium	0.35	3.99	U	
923EX160(2.0)	12/28/98	Chromium	330	1,300		
923EX160(2.0)	12/28/98	Copper	15	88		
923EX160(2.0)	12/28/98	Lead	28	477		
923EX160(2.0)	12/28/98	Mercury	0.24	2.79	U	
923EX160(2.0)	12/28/98	Nickel	450	5,500		
923EX160(2.0)	12/28/98	Zinc	70	89		
923EX161(2.0)	12/28/98	cis-1,2-Dichloroethene	0.0059	467	U	
923EX161(2.0)	12/28/98	trans-1,2-Dichloroethene	0.0059	1,027	U	
923EX161(2.0)	12/28/98	Trichloroethene	0.0059	1.3	U	
923EX161(2.0)	12/28/98	Vinyl Chloride	0.012	3.0	U	
923EX161(2.0)	12/28/98	Methylene Chloride	0.0059	54	U	
923EX161(2.0)	12/28/98	Acetone	0.024	6,300	U	
923EX161(2.0)	12/28/98	Bromodichloromethane	0.0059	1.89	U	
923EX161(2.0)	12/28/98	Bromoform	0.0059	168	U	
923EX161(2.0)	12/28/98	Bromomethane	0.012	20.4	U	
923EX161(2.0)	12/28/98	2-Butanone	0.024	21,300	U	
923EX161(2.0)	12/28/98	Carbon Disulfide	0.0059	22.5	U	
923EX161(2.0)	12/28/98	Carbon Tetrachloride	0.0059	0.69	U	
923EX161(2.0)	12/28/98	Chlorobenzene	0.0059	195	U	
923EX161(2.0)	12/28/98	Chloroethane	0.012	3,300	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 35 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX161(2.0)	12/28/98	Chloroform	0.0059	0.75	U	
923EX161(2.0)	12/28/98	Chloromethane	0.012	3.6	U	
923EX161(2.0)	12/28/98	Dibromochloromethane	0.0059	15.9	U	
923EX161(2.0)	12/28/98	1,2-Dichlorobenzene	0.0059	2,100	U	
923EX161(2.0)	12/28/98	1,3-Dichlorobenzene	0.0059	1,500	U	
923EX161(2.0)	12/28/98	1,4-Dichlorobenzene	0.0059	10.8	U	
923EX161(2.0)	12/28/98	1,1-Dichloroethane	0.0059	1,500	U	
923EX161(2.0)	12/28/98	1,2-Dichloroethane	0.0059	0.75	U	
923EX161(2.0)	12/28/98	1,1-Dichloroethene	0.0059	0.111	U	
923EX161(2.0)	12/28/98	1,2-Dichloropropane	0.0059	0.93	U	
923EX161(2.0)	12/28/98	1,3-Dichloropropene	0.0118	0.75	U	
923EX161(2.0)	12/28/98	2-Hexanone	0.024	NA	U	
923EX161(2.0)	12/28/98	4-Methyl-2-Pentanone	0.024	2,310	U	
923EX161(2.0)	12/28/98	Styrene	0.0059	2,040	U	
923EX161(2.0)	12/28/98	1,1,2,2-Tetrachloroethane	0.0059	1.35	U	
923EX161(2.0)	12/28/98	Tetrachloroethene	0.0059	15	U	
923EX161(2.0)	12/28/98	1,1,1-Trichloroethane	0.0059	3,600	U	
923EX161(2.0)	12/28/98	1,1,2-Trichloroethane	0.0059	1.95	U	
923EX161(2.0)	12/28/98	Trichlorofluoromethane	0.012	1,140	U	
923EX161(2.0)	12/28/98	Vinyl Acetate	0.012	2,340	U	
923EX161(2.0)	12/28/98	Gasoline	1.2	610	U	
923EX161(2.0)	12/28/98	Diesel	94	700		
923EX161(2.0)	12/28/98	Fuel Oil	330	980		
923EX161(2.0)	12/28/98	Benzene	0.0059	1.0	U	
923EX161(2.0)	12/28/98	Toluene	0.0059	270	U	
923EX161(2.0)	12/28/98	Ethylbenzene	0.0059	125	U	
923EX161(2.0)	12/28/98	Xylenes (Total)	0.0059	55	U	
923EX161(2.0)	12/28/98	Total Carcinogenic PAHs	0.12	253	U	
923EX161(2.0)	12/28/98	Benzo(a)anthracene	0.024	See Total	U	
923EX161(2.0)	12/28/98	Benzo(a)pyrene	0.024	9.0	U	
923EX161(2.0)	12/28/98	Benzo(b)fluoranthene	0.024	See Total	U	
923EX161(2.0)	12/28/98	Benzo(b)fluoranthene	0.024	See Total	U	
923EX161(2.0)	12/28/98	Chrysene	0.024	See Total	U	
923EX161(2.0)	12/28/98	Anthracene	1.6	1,120	U	
923EX161(2.0)	12/28/98	Benzo(g,h,i)perylene	1.6	19,500	U	
923EX161(2.0)	12/28/98	Fluoranthene	1.6	1,160	U	
923EX161(2.0)	12/28/98	Fluorene	1.6	220	U	
923EX161(2.0)	12/28/98	Naphthalene	1.6	140	U	
923EX161(2.0)	12/28/98	Phenanthrene	1.6	410	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 36 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX161(2.0)	12/28/98	Pyrene	1.6	910	U	
923EX161(2.0)	12/28/98	PCBs (Total)	0.313	1.0	U	
923EX161(2.0)	12/28/98	Aroclor-1016	0.039	See Total	U	
923EX161(2.0)	12/28/98	Aroclor-1221	0.079	See Total	U	
923EX161(2.0)	12/28/98	Aroclor-1232	0.039	See Total	U	
923EX161(2.0)	12/28/98	Aroclor-1242	0.039	See Total	U	
923EX161(2.0)	12/28/98	Aroclor-1248	0.039	See Total	U	
923EX161(2.0)	12/28/98	Aroclor-1254	0.039	See Total	U	
923EX161(2.0)	12/28/98	Aroclor-1260	0.039	See Total	U	
923EX161(2.0)	12/28/98	Cadmium	0.35	3.99	U	
923EX161(2.0)	12/28/98	Chromium	770	1,300		
923EX161(2.0)	12/28/98	Copper	12	88		
923EX161(2.0)	12/28/98	Lead	30	477		
923EX161(2.0)	12/28/98	Mercury	0.20	2.79	J	
923EX161(2.0)	12/28/98	Nickel	1,100	5,500		
923EX161(2.0)	12/28/98	Zinc	42	89		
923EX162(2.0)	12/28/98	cis-1,2-Dichloroethene	0.0058	467	U	
923EX162(2.0)	12/28/98	trans-1,2-Dichloroethene	0.0058	1,027	U	
923EX162(2.0)	12/28/98	Trichloroethene	0.0058	1.3	U	
923EX162(2.0)	12/28/98	Vinyl Chloride	0.012	3.0	U	
923EX162(2.0)	12/28/98	Methylene Chloride	0.0058	54	UJ	
923EX162(2.0)	12/28/98	Acetone	0.023	6,300	U	
923EX162(2.0)	12/28/98	Bromodichloromethane	0.0058	1.89	U	
923EX162(2.0)	12/28/98	Bromoform	0.0058	168	U	
923EX162(2.0)	12/28/98	Bromomethane	0.012	20.4	U	
923EX162(2.0)	12/28/98	2-Butanone	0.023	21,300	U	
923EX162(2.0)	12/28/98	Carbon Disulfide	0.0058	22.5	U	
923EX162(2.0)	12/28/98	Carbon Tetrachloride	0.0058	0.69	U	
923EX162(2.0)	12/28/98	Chlorobenzene	0.0058	195	U	
923EX162(2.0)	12/28/98	Chloroethane	0.012	3,300	U	
923EX162(2.0)	12/28/98	Chloroform	0.0058	0.75	U	
923EX162(2.0)	12/28/98	Chloromethane	0.012	3.6	U	
923EX162(2.0)	12/28/98	Dibromochloromethane	0.0058	15.9	U	
923EX162(2.0)	12/28/98	1,2-Dichlorobenzene	0.0058	2,100	U	
923EX162(2.0)	12/28/98	1,3-Dichlorobenzene	0.0058	1,500	U	
923EX162(2.0)	12/28/98	1,4-Dichlorobenzene	0.0058	10.8	U	
923EX162(2.0)	12/28/98	1,1-Dichloroethane	0.0058	1,500	U	
923EX162(2.0)	12/28/98	1,2-Dichloroethane	0.0058	0.75	U	
923EX162(2.0)	12/28/98	1,1-Dichloroethene	0.0058	0.111	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 37 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX162(2.0)	12/28/98	1,2-Dichloropropane	0.0058	0.93	U	
923EX162(2.0)	12/28/98	1,3-Dichloropropene	0.0116	0.75	U	
923EX162(2.0)	12/28/98	2-Hexanone	0.023	NA	UJ	
923EX162(2.0)	12/28/98	4-Methyl-2-Pentanone	0.023	2,310	U	
923EX162(2.0)	12/28/98	Styrene	0.0058	2,040	U	
923EX162(2.0)	12/28/98	1,1,2,2-Tetrachloroethane	0.0058	1.35	U	
923EX162(2.0)	12/28/98	Tetrachloroethene	0.0058	15	U	
923EX162(2.0)	12/28/98	1,1,1-Trichloroethane	0.0058	3,600	U	
923EX162(2.0)	12/28/98	1,1,2-Trichloroethane	0.0058	1.95	U	
923EX162(2.0)	12/28/98	Trichlorofluoromethane	0.012	1,140	UJ	
923EX162(2.0)	12/28/98	Vinyl Acetate	0.012	2,340	U	
923EX162(2.0)	12/28/98	Gasoline	1.2	610	U	
923EX162(2.0)	12/28/98	Diesel	12	700	U	
923EX162(2.0)	12/28/98	Fuel Oil	10	980	J	
923EX162(2.0)	12/28/98	Benzene	0.0058	1.0	U	
923EX162(2.0)	12/28/98	Toluene	0.0058	270	U	
923EX162(2.0)	12/28/98	Ethylbenzene	0.0058	125	U	
923EX162(2.0)	12/28/98	Xylenes (Total)	0.0058	55	UJ	
923EX162(2.0)	12/28/98	Total Carcinogenic PAHs	0.179	253	U	
923EX162(2.0)	12/28/98	Benzo(a)anthracene	0.092	See Total	U	
923EX162(2.0)	12/28/98	Benzo(a)pyrene	0.023	9.0	U	
923EX162(2.0)	12/28/98	Benzo(b)fluoranthene	0.0092	See Total	U	
923EX162(2.0)	12/28/98	Benzo(b)fluoranthene	0.0092	See Total	U	
923EX162(2.0)	12/28/98	Chrysene	0.046	See Total	U	
923EX162(2.0)	12/28/98	Anthracene	0.38	1,120	U	
923EX162(2.0)	12/28/98	Benzo(g,h,i)perylene	0.38	19,500	U	
923EX162(2.0)	12/28/98	Fluoranthene	0.38	1,160	U	
923EX162(2.0)	12/28/98	Fluorene	0.38	220	U	
923EX162(2.0)	12/28/98	Naphthalene	0.38	140	U	
923EX162(2.0)	12/28/98	Phenanthrene	0.38	410	U	
923EX162(2.0)	12/28/98	Pyrene	0.38	910	U	
923EX162(2.0)	12/28/98	PCBs (Total)	0.305	1.0	U	
923EX162(2.0)	12/28/98	Aroclor-1016	0.038	See Total	U	
923EX162(2.0)	12/28/98	Aroclor-1221	0.077	See Total	U	
923EX162(2.0)	12/28/98	Aroclor-1232	0.038	See Total	U	
923EX162(2.0)	12/28/98	Aroclor-1242	0.038	See Total	U	
923EX162(2.0)	12/28/98	Aroclor-1248	0.038	See Total	U	
923EX162(2.0)	12/28/98	Aroclor-1254	0.038	See Total	U	
923EX162(2.0)	12/28/98	Aroclor-1260	0.038	See Total	U	

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 38 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX162(2.0)	12/28/98	Cadmium	0.35	3.99	U	
923EX162(2.0)	12/28/98	Chromium	510	1,300		
923EX162(2.0)	12/28/98	Copper	13	88		
923EX162(2.0)	12/28/98	Lead	12	477		
923EX162(2.0)	12/28/98	Mercury	0.23	2.79	U	
923EX162(2.0)	12/28/98	Nickel	740	5,500		
923EX162(2.0)	12/28/98	Zinc	27	89		
923EX163(2.0)	12/28/98	cis-1,2-Dichloroethene	0.0052	467	U	
923EX163(2.0)	12/28/98	trans-1,2-Dichloroethene	0.0052	1,027	U	
923EX163(2.0)	12/28/98	Trichloroethene	0.0052	1.3	U	
923EX163(2.0)	12/28/98	Vinyl Chloride	0.01	3.0	U	
923EX163(2.0)	12/28/98	Methylene Chloride	0.0052	54	U	
923EX163(2.0)	12/28/98	Acetone	0.021	6,300	U	
923EX163(2.0)	12/28/98	Bromodichloromethane	0.0052	1.89	U	
923EX163(2.0)	12/28/98	Bromoform	0.0052	168	U	
923EX163(2.0)	12/28/98	Bromomethane	0.01	20.4	U	
923EX163(2.0)	12/28/98	2-Butanone	0.021	21,300	U	
923EX163(2.0)	12/28/98	Carbon Disulfide	0.0052	22.5	U	
923EX163(2.0)	12/28/98	Carbon Tetrachloride	0.0052	0.69	U	
923EX163(2.0)	12/28/98	Chlorobenzene	0.0052	195	U	
923EX163(2.0)	12/28/98	Chloroethane	0.01	3,300	U	
923EX163(2.0)	12/28/98	Chloroform	0.0052	0.75	U	
923EX163(2.0)	12/28/98	Chloromethane	0.01	3.6	U	
923EX163(2.0)	12/28/98	Dibromochloromethane	0.0052	15.9	U	
923EX163(2.0)	12/28/98	1,2-Dichlorobenzene	0.0052	2,100	U	
923EX163(2.0)	12/28/98	1,3-Dichlorobenzene	0.0052	1,500	U	
923EX163(2.0)	12/28/98	1,4-Dichlorobenzene	0.0052	10.8	U	
923EX163(2.0)	12/28/98	1,1-Dichloroethane	0.0052	1,500	U	
923EX163(2.0)	12/28/98	1,2-Dichloroethane	0.0052	0.75	U	
923EX163(2.0)	12/28/98	1,1-Dichloroethene	0.0052	0.111	U	
923EX163(2.0)	12/28/98	1,2-Dichloropropane	0.0052	0.93	U	
923EX163(2.0)	12/28/98	1,3-Dichloropropene	0.0104	0.75	U	
923EX163(2.0)	12/28/98	2-Hexanone	0.021	NA	U	
923EX163(2.0)	12/28/98	4-Methyl-2-Pentanone	0.021	2,310	U	
923EX163(2.0)	12/28/98	Styrene	0.0052	2,040	U	
923EX163(2.0)	12/28/98	1,1,2,2-Tetrachloroethane	0.0052	1.35	U	
923EX163(2.0)	12/28/98	Tetrachloroethene	0.0052	15	U	
923EX163(2.0)	12/28/98	1,1,1-Trichloroethane	0.0052	3,600	U	
923EX163(2.0)	12/28/98	1,1,2-Trichloroethane	0.0052	1.95	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 39 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX163(2.0)	12/28/98	Trichlorofluoromethane	0.01	1,140	U	
923EX163(2.0)	12/28/98	Vinyl Acetate	0.01	2,340	U	
923EX163(2.0)	12/28/98	Gasoline	1	610	U	
923EX163(2.0)	12/28/98	Diesel	10	700	U	
923EX163(2.0)	12/28/98	Fuel Oil	10	980	U	
923EX163(2.0)	12/28/98	Benzene	0.0052	1.0	U	
923EX163(2.0)	12/28/98	Toluene	0.0052	270	U	
923EX163(2.0)	12/28/98	Ethylbenzene	0.0052	125	U	
923EX163(2.0)	12/28/98	Xylenes (Total)	0.0052	55	U	
923EX163(2.0)	12/28/98	Total Carcinogenic PAHs	0.0105	253	U	
923EX163(2.0)	12/28/98	Benzo(a)anthracene	0.0021	See Total	U	
923EX163(2.0)	12/28/98	Benzo(a)pyrene	0.0021	9.0	U	
923EX163(2.0)	12/28/98	Benzo(b)fluoranthene	0.0021	See Total	U	
923EX163(2.0)	12/28/98	Benzo(b)fluoranthene	0.0021	See Total	U	
923EX163(2.0)	12/28/98	Chrysene	0.0021	See Total	U	
923EX163(2.0)	12/28/98	Anthracene	0.34	1,120	U	
923EX163(2.0)	12/28/98	Benzo(g,h,i)perylene	0.34	19,500	U	
923EX163(2.0)	12/28/98	Fluoranthene	0.34	1,160	U	
923EX163(2.0)	12/28/98	Fluorene	0.34	220	U	
923EX163(2.0)	12/28/98	Naphthalene	0.34	140	U	
923EX163(2.0)	12/28/98	Phenanthrene	0.34	410	U	
923EX163(2.0)	12/28/98	Pyrene	0.34	910	U	
923EX163(2.0)	12/28/98	PCBs (Total)	0.273	1.0	U	
923EX163(2.0)	12/28/98	Aroclor-1016	0.034	See Total	U	
923EX163(2.0)	12/28/98	Aroclor-1221	0.069	See Total	U	
923EX163(2.0)	12/28/98	Aroclor-1232	0.034	See Total	U	
923EX163(2.0)	12/28/98	Aroclor-1242	0.034	See Total	U	
923EX163(2.0)	12/28/98	Aroclor-1248	0.034	See Total	U	
923EX163(2.0)	12/28/98	Aroclor-1254	0.034	See Total	U	
923EX163(2.0)	12/28/98	Aroclor-1260	0.034	See Total	U	
923EX163(2.0)	12/28/98	Cadmium	0.31	3.99	U	
923EX163(2.0)	12/28/98	Chromium	40	1,300		
923EX163(2.0)	12/28/98	Copper	3.8	88		
923EX163(2.0)	12/28/98	Lead	9.2	477	J	
923EX163(2.0)	12/28/98	Mercury	0.21	2.79	U	
923EX163(2.0)	12/28/98	Nickel	25	5,500		
923EX163(2.0)	12/28/98	Zinc	18	89		
Excavation 2						
923EX020(2.5)	08/31/98	Methylene Chloride	0.025	54	U	

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L:\CF Closure\TBL923.XLS

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 40 of 72)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX020(2.5)	08/31/98	Cadmium	0.17	3.99		
923EX020(2.5)	08/31/98	Copper	6.1	88		
923EX020(2.5)	08/31/98	Lead	9.3	477	J-	
923EX020(2.5)	08/31/98	Mercury	0.04	2.79	U	
923EX020(2.5)	08/31/98	Zinc	46	89		
923EX020(2.5)DUP	08/31/98	Methylene Chloride	0.025	54	U	923DUP083198A
923EX020(2.5)DUP	08/31/98	Cadmium	0.096	3.99	UJ	
923EX020(2.5)DUP	08/31/98	Copper	6.2	88		
923EX020(2.5)DUP	08/31/98	Lead	9.7	477	J-	
923EX020(2.5)DUP	08/31/98	Mercury	0.038	2.79	U	
923EX020(2.5)DUP	08/31/98	Zinc	47	89		
923EX021(3.5)	09/03/98	Methylene Chloride	0.027	54	UJ	
923EX021(3.5)	09/03/98	Cadmium	0.1	3.99	U	
923EX021(3.5)	09/03/98	Copper	3.7	88		
923EX021(3.5)	09/03/98	Lead	2.7	477		
923EX021(3.5)	09/03/98	Mercury	0.038	2.79	U	
923EX021(3.5)	09/03/98	Zinc	20	89		
923EX022(2.5)	08/31/98	Methylene Chloride	0.028	54	U	
923EX022(2.5)	08/31/98	Cadmium	0.16	3.99		
923EX022(2.5)	08/31/98	Copper	14	88		
923EX022(2.5)	08/31/98	Lead	16	477	J-	
923EX022(2.5)	08/31/98	Mercury	0.042	2.79	U	
923EX022(2.5)	08/31/98	Zinc	53	89		
923EX023(0.5)	07/15/98	Methylene Chloride	0.027	54	UJ	
923EX023(0.5)	07/15/98	Cadmium	0.11	3.99	UJ	
923EX023(0.5)	07/15/98	Copper	15	88	J	
923EX023(0.5)	07/15/98	Lead	39	477	J-	
923EX023(0.5)	07/15/98	Mercury	0.18	2.79		
923EX023(0.5)	07/15/98	Zinc	41	89	J+	
923EX025(1.0)	07/15/98	Methylene Chloride	0.033	54	UJ	
923EX025(1.0)	07/15/98	Cadmium	0.13	3.99	UJ	
923EX025(1.0)	07/15/98	Copper	6.3	88	J	
923EX025(1.0)	07/15/98	Lead	5.3	477	J-	
923EX025(1.0)	07/15/98	Mercury	0.083	2.79		
923EX025(1.0)	07/15/98	Zinc	27	89	J+	
923EX026(4.5)	09/24/98	Methylene Chloride	0.0056	54	UJ	
923EX026(4.5)	09/24/98	Cadmium	0.3	3.99	U	
923EX026(4.5)	09/24/98	Copper	12	88		
923EX026(4.5)	09/24/98	Lead	10	477	U	

Footnotes at end of table.
L:\CF Closure\TBL923.XLS

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 41 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX026(4.5)	09/24/98	Mercury	0.2	2.79	U	
923EX026(4.5)	09/24/98	Zinc	26	89		
923EX027(4.0)	09/11/98	Methylene Chloride	0.005	54	U	
923EX027(4.0)	09/11/98	Cadmium	0.5	3.99	U	
923EX027(4.0)	09/11/98	Copper	16	88		
923EX027(4.0)	09/11/98	Lead	23	477		
923EX027(4.0)	09/11/98	Mercury	0.2	2.79	U	
923EX027(4.0)	09/11/98	Zinc	55	89		
923EX029(1.0)	07/15/98	Methylene Chloride	0.026	54	UJ	
923EX029(1.0)	07/15/98	Cadmium	0.1	3.99	UJ	
923EX029(1.0)	07/15/98	Copper	11	88	J	
923EX029(1.0)	07/15/98	Lead	40	477	J-	
923EX029(1.0)	07/15/98	Mercury	0.055	2.79		
923EX029(1.0)	07/15/98	Zinc	66	89	J+	
923EX030(3.0)	10/06/98	Methylene Chloride	0.0052	54	U	
923EX030(3.0)	10/06/98	Cadmium	0.31	3.99	U	
923EX030(3.0)	10/06/98	Copper	6.4	88		
923EX030(3.0)	10/06/98	Lead	8	477		
923EX030(3.0)	10/06/98	Mercury	0.21	2.79	U	
923EX030(3.0)	10/06/98	Zinc	25	89	J+	
923EX032(3.0)	10/06/98	Methylene Chloride	0.0051	54	U	
923EX032(3.0)	10/06/98	Cadmium	0.31	3.99	U	
923EX032(3.0)	10/06/98	Copper	3.7	88		
923EX032(3.0)	10/06/98	Lead	3.7	477	J	
923EX032(3.0)	10/06/98	Mercury	0.2	2.79	U	
923EX032(3.0)	10/06/98	Zinc	18	89	J+	
923EX033(1.0)	07/09/98	Methylene Chloride	0.028	54	UJ	
923EX033(1.0)	07/09/98	Cadmium	0.89	3.99		
923EX033(1.0)	07/09/98	Copper	15	88		
923EX033(1.0)	07/09/98	Lead	16	477		
923EX033(1.0)	07/09/98	Mercury	0.046	2.79	U	
923EX033(1.0)	07/09/98	Zinc	23	89		
923EX035(2.5)	08/31/98	Methylene Chloride	0.025	54	U	
923EX035(2.5)	08/31/98	Cadmium	0.16	3.99		
923EX035(2.5)	08/31/98	Copper	3.9	88		
923EX035(2.5)	08/31/98	Lead	5.9	477	J-	
923EX035(2.5)	08/31/98	Mercury	0.039	2.79	U	
923EX035(2.5)	08/31/98	Zinc	17	89		
923EX115(1.5)	10/06/98	Methylene Chloride	0.0051	54	U	

Footnotes at end of table.
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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 42 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX115(1.5)	10/06/98	Cadmium	0.31	3.99	U	
923EX115(1.5)	10/06/98	Copper	18	88		
923EX115(1.5)	10/06/98	Lead	33	477		
923EX115(1.5)	10/06/98	Mercury	0.21	2.79	U	
923EX115(1.5)	10/06/98	Zinc	62	89	J+	
923EX116(1.5)	10/06/98	Methylene Chloride	0.0054	54	U	
923EX116(1.5)	10/06/98	Cadmium	0.33	3.99	U	
923EX116(1.5)	10/06/98	Copper	13	88		
923EX116(1.5)	10/06/98	Lead	25	477		
923EX116(1.5)	10/06/98	Mercury	0.22	2.79	U	
923EX116(1.5)	10/06/98	Zinc	51	89	J+	
923EX118(1.5)5	10/06/98	Methylene Chloride	0.0051	54	U	
923EX118(1.5)5	10/06/98	Cadmium	0.31	3.99	U	
923EX118(1.5)5	10/06/98	Copper	4.2	88		
923EX118(1.5)5	10/06/98	Lead	9.5	477		
923EX118(1.5)5	10/06/98	Mercury	0.2	2.79	U	
923EX118(1.5)5	10/06/98	Zinc	20	89	J+	
923EX119(1.5)	10/01/98	Methylene Chloride	0.0058	54	U	
923EX119(1.5)	10/01/98	Cadmium	0.35	3.99	U	
923EX119(1.5)	10/01/98	Copper	17	88		
923EX119(1.5)	10/01/98	Lead	20	477		
923EX119(1.5)	10/01/98	Mercury	0.23	2.79	U	
923EX119(1.5)	10/01/98	Zinc	50	89	J+	
923EX120(1.5)	10/01/98	Methylene Chloride	0.0051	54	U	
923EX120(1.5)	10/01/98	Cadmium	0.48	3.99		
923EX120(1.5)	10/01/98	Copper	10	88		
923EX120(1.5)	10/01/98	Lead	63	477		
923EX120(1.5)	10/01/98	Mercury	0.21	2.79	U	
923EX120(1.5)	10/01/98	Zinc	85	89	J+	
923EX120(1.5)DUP	10/01/98	Methylene Chloride	0.0052	54	U	923DUP100198A
923EX120(1.5)DUP	10/01/98	Cadmium	0.40	3.99		
923EX120(1.5)DUP	10/01/98	Copper	8.8	88		
923EX120(1.5)DUP	10/01/98	Lead	52	477		
923EX120(1.5)DUP	10/01/98	Mercury	0.21	2.79	U	
923EX120(1.5)DUP	10/01/98	Zinc	84	89	J+	
923EX122(3.5)	10/01/98	Methylene Chloride	0.0052	54	U	
923EX122(3.5)	10/01/98	Cadmium	0.31	3.99	U	
923EX122(3.5)	10/01/98	Copper	4.1	88		
923EX122(3.5)	10/01/98	Lead	10	477	U	

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 43 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX122(3.5)	10/01/98	Mercury	0.21	2.79	U	
923EX122(3.5)	10/01/98	Zinc	25	89	J+	
923EX124(3.5)	10/01/98	Methylene Chloride	0.0053	54	U	
923EX124(3.5)	10/01/98	Cadmium	0.32	3.99	U	
923EX124(3.5)	10/01/98	Copper	3.2	88		
923EX124(3.5)	10/01/98	Lead	11	477	U	
923EX124(3.5)	10/01/98	Mercury	0.21	2.79	U	
923EX124(3.5)	10/01/98	Zinc	16	89	J+	
923EX125(3.5)	10/01/98	Methylene Chloride	0.0052	54	U	
923EX125(3.5)	10/01/98	Cadmium	0.31	3.99	U	
923EX125(3.5)	10/01/98	Copper	7.1	88		
923EX125(3.5)	10/01/98	Lead	9.4	477	J	
923EX125(3.5)	10/01/98	Mercury	0.21	2.79	U	
923EX125(3.5)	10/01/98	Zinc	52	89	J+	
923EX126(1.5)0.5	10/13/98	Methylene Chloride	0.0057	54	UJ	
923EX126(1.5)0.5	10/13/98	Cadmium	0.34	3.99	U	
923EX126(1.5)0.5	10/13/98	Copper	34	88		
923EX126(1.5)0.5	10/13/98	Lead	50	477		
923EX126(1.5)0.5	10/13/98	Mercury	0.23	2.79	U	
923EX126(1.5)0.5	10/13/98	Zinc	81	89		
923EX127(1.5)	10/06/98	Methylene Chloride	0.0052	54	U	
923EX127(1.5)	10/06/98	Cadmium	0.31	3.99	U	
923EX127(1.5)	10/06/98	Copper	8	88		
923EX127(1.5)	10/06/98	Lead	24	477		
923EX127(1.5)	10/06/98	Mercury	0.11	2.79	J	
923EX127(1.5)	10/06/98	Zinc	29	89	J+	
923EX128(1.5)	10/06/98	Methylene Chloride	0.0058	54	U	
923EX128(1.5)	10/06/98	Cadmium	0.35	3.99	U	
923EX128(1.5)	10/06/98	Copper	13	88		
923EX128(1.5)	10/06/98	Lead	15	477		
923EX128(1.5)	10/06/98	Mercury	0.23	2.79	U	
923EX128(1.5)	10/06/98	Zinc	36	89	J+	
923EX128(1.5)DUP	10/06/98	Methylene Chloride	0.006	54	U	923DUP100698A
923EX128(1.5)DUP	10/06/98	Cadmium	0.36	3.99	U	
923EX128(1.5)DUP	10/06/98	Copper	17	88		
923EX128(1.5)DUP	10/06/98	Lead	28	477		
923EX128(1.5)DUP	10/06/98	Mercury	0.24	2.79	U	
923EX128(1.5)DUP	10/06/98	Zinc	56	89	J+	
923EX129(3.0)	10/01/98	Methylene Chloride	0.0058	54	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 44 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX129(3.0)	10/01/98	Cadmium	0.35	3.99	U	
923EX129(3.0)	10/01/98	Copper	5.9	88		
923EX129(3.0)	10/01/98	Lead	12	477	U	
923EX129(3.0)	10/01/98	Mercury	0.23	2.79	U	
923EX129(3.0)	10/01/98	Zinc	24	89	J+	
923EX130(3.0)	10/01/98	Methylene Chloride	0.006	54	U	
923EX130(3.0)	10/01/98	Cadmium	0.36	3.99	U	
923EX130(3.0)	10/01/98	Copper	13	88		
923EX130(3.0)	10/01/98	Lead	12	477	U	
923EX130(3.0)	10/01/98	Mercury	0.24	2.79	U	
923EX130(3.0)	10/01/98	Zinc	31	89	J+	
Excavation 3						
923EX006(0.5)	07/02/98	Methylene Chloride	0.028	54	UJ	
923EX006(0.5)	07/02/98	PCBs (Total)	0.63	1.0	U	
923EX006(0.5)	07/02/98	Aroclor-1016	0.09	See Total	U	
923EX006(0.5)	07/02/98	Aroclor-1221	0.09	See Total	U	
923EX006(0.5)	07/02/98	Aroclor-1232	0.09	See Total	U	
923EX006(0.5)	07/02/98	Aroclor-1242	0.09	See Total	U	
923EX006(0.5)	07/02/98	Aroclor-1248	0.09	See Total	U	
923EX006(0.5)	07/02/98	Aroclor-1254	0.09	See Total	U	
923EX006(0.5)	07/02/98	Aroclor-1260	0.09	See Total	U	
923EX006(0.5)	07/02/98	Cadmium	0.11	3.99	UJ	
923EX006(0.5)	07/02/98	Copper	12	88	J	
923EX006(0.5)	07/02/98	Lead	61	477		
923EX006(0.5)	07/02/98	Mercury	0.042	2.79	U	
923EX006(0.5)	07/02/98	Zinc	28	89		
923EX006(0.5)DUP	07/02/98	Methylene Chloride	0.028	54	U	923DUP070298A
923EX006(0.5)DUP	07/02/98	PCBs (Total)	0.63	1.0	U	
923EX006(0.5)DUP	07/02/98	Aroclor-1016	0.09	See Total	U	
923EX006(0.5)DUP	07/02/98	Aroclor-1221	0.09	See Total	U	
923EX006(0.5)DUP	07/02/98	Aroclor-1232	0.09	See Total	U	
923EX006(0.5)DUP	07/02/98	Aroclor-1242	0.09	See Total	U	
923EX006(0.5)DUP	07/02/98	Aroclor-1248	0.09	See Total	U	
923EX006(0.5)DUP	07/02/98	Aroclor-1254	0.09	See Total	U	
923EX006(0.5)DUP	07/02/98	Aroclor-1260	0.09	See Total	U	
923EX006(0.5)DUP	07/02/98	Cadmium	0.11	3.99	UJ	
923EX006(0.5)DUP	07/02/98	Copper	21	88	J	
923EX006(0.5)DUP	07/02/98	Lead	19	477		
923EX006(0.5)DUP	07/02/98	Mercury	0.045	2.79	U	

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 45 of 72)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX006(0.5)DUP	07/02/98	Zinc	27	89		
923EX007(0.5)	07/06/98	Methylene Chloride	0.026	54	UJ	
923EX007(0.5)	07/06/98	PCBs (Total)	0.588	1.0	UJ	
923EX007(0.5)	07/06/98	Aroclor-1016	0.084	See Total	U	
923EX007(0.5)	07/06/98	Aroclor-1221	0.084	See Total	U	
923EX007(0.5)	07/06/98	Aroclor-1232	0.084	See Total	U	
923EX007(0.5)	07/06/98	Aroclor-1242	0.084	See Total	U	
923EX007(0.5)	07/06/98	Aroclor-1248	0.084	See Total	U	
923EX007(0.5)	07/06/98	Aroclor-1254	0.084	See Total	U	
923EX007(0.5)	07/06/98	Aroclor-1260	0.084	See Total	UJ	
923EX007(0.5)	07/06/98	Cadmium	0.1	3.99	U	
923EX007(0.5)	07/06/98	Copper	4.3	88		
923EX007(0.5)	07/06/98	Lead	5.5	477		
923EX007(0.5)	07/06/98	Mercury	0.04	2.79	U	
923EX007(0.5)	07/06/98	Zinc	15	89		
923EX012(1.0)	07/06/98	Methylene Chloride	0.028	54	UJ	
923EX012(1.0)	07/06/98	PCBs (Total)	0.63	1.0	UJ	
923EX012(1.0)	07/06/98	Aroclor-1016	0.09	See Total	U	
923EX012(1.0)	07/06/98	Aroclor-1221	0.09	See Total	U	
923EX012(1.0)	07/06/98	Aroclor-1232	0.09	See Total	U	
923EX012(1.0)	07/06/98	Aroclor-1242	0.09	See Total	U	
923EX012(1.0)	07/06/98	Aroclor-1248	0.09	See Total	U	
923EX012(1.0)	07/06/98	Aroclor-1254	0.09	See Total	U	
923EX012(1.0)	07/06/98	Aroclor-1260	0.09	See Total	UJ	
923EX012(1.0)	07/06/98	Cadmium	0.11	3.99	U	
923EX012(1.0)	07/06/98	Copper	6.9	88		
923EX012(1.0)	07/06/98	Lead	0.17	477	U	
923EX012(1.0)	07/06/98	Mercury	0.045	2.79	U	
923EX012(1.0)	07/06/98	Zinc	12	89		
923EX037(0.5)10	08/24/98	Methylene Chloride	0.026	54	U	
923EX037(0.5)10	08/24/98	Cadmium	0.31	3.99		
923EX037(0.5)10	08/24/98	Copper	3.4	88		
923EX037(0.5)10	08/24/98	Lead	1.9	477		
923EX037(0.5)10	08/24/98	Mercury	0.039	2.79	U	
923EX037(0.5)10	08/24/98	Zinc	15	89		
923EX037(0.5)10DUP	08/24/98	Methylene Chloride	0.026	54	U	923DUP082498B
923EX037(0.5)10DUP	08/24/98	Cadmium	0.24	3.99		
923EX037(0.5)10DUP	08/24/98	Copper	4.3	88		
923EX037(0.5)10DUP	08/24/98	Lead	2.7	477		

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 46 of 72)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX037(0.5)10DUP	08/24/98	Mercury	0.069	2.79		
923EX037(0.5)10DUP	08/24/98	Zinc	15	89		
923EX038(0.5)10	08/24/98	Methylene Chloride	0.027	54	U	
923EX038(0.5)10	08/24/98	Cadmium	0.24	3.99		
923EX038(0.5)10	08/24/98	Copper	5.2	88		
923EX038(0.5)10	08/24/98	Lead	2.6	477		
923EX038(0.5)10	08/24/98	Mercury	0.036	2.79	U	
923EX038(0.5)10	08/24/98	Zinc	13	89		
923EX039(1.0)	07/10/98	Methylene Chloride	0.03	54	UJ	
923EX039(1.0)	07/10/98	Cadmium	0.12	3.99	UJ	
923EX039(1.0)	07/10/98	Copper	7.8	88	J	
923EX039(1.0)	07/10/98	Lead	2.6	477		
923EX039(1.0)	07/10/98	Mercury	0.047	2.79	U	
923EX039(1.0)	07/10/98	Zinc	1	89		
923EX040(0.5)	07/10/98	Methylene Chloride	0.025	54	U	
923EX040(0.5)	07/10/98	Cadmium	0.54	3.99		
923EX040(0.5)	07/10/98	Copper	59	88	J	
923EX040(0.5)	07/10/98	Lead	22	477	J-	
923EX040(0.5)	07/10/98	Mercury	0.038	2.79	U	
923EX040(0.5)	07/10/98	Zinc	26	89		
923EX043(0.5)	07/09/98	cis-1,2-Dichloroethene	0.006	467	U	
923EX043(0.5)	07/09/98	trans-1,2-Dichloroethene	0.006	1,027	U	
923EX043(0.5)	07/09/98	Trichloroethene	0.006	1.3	U	
923EX043(0.5)	07/09/98	Vinyl Chloride	0.012	3.0	U	
923EX043(0.5)	07/09/98	Methylene Chloride	0.03	54	U	
923EX043(0.5)	7/9/98	Acetone	0.03	6,300	U	
923EX043(0.5)	7/9/98	Bromodichloromethane	0.006	1.89	U	
923EX043(0.5)	7/9/98	Bromoform	0.006	168	U	
923EX043(0.5)	7/9/98	Bromomethane	0.012	20.4	U	
923EX043(0.5)	7/9/98	2-Butanone	0.012	21,300	U	
923EX043(0.5)	7/9/98	Carbon Disulfide	0.006	22.5	U	
923EX043(0.5)	7/9/98	Carbon Tetrachloride	0.006	0.69	U	
923EX043(0.5)	7/9/98	Chlorobenzene	0.006	195	U	
923EX043(0.5)	7/9/98	Chloroethane	0.012	3,300	U	
923EX043(0.5)	7/9/98	Chloroform	0.006	0.75	U	
923EX043(0.5)	7/9/98	Chloromethane	0.012	3.6	U	
923EX043(0.5)	7/9/98	Dibromochloromethane	0.006	15.9	U	
923EX043(0.5)	7/9/98	1,2-Dichlorobenzene	0.006	2,100	U	
923EX043(0.5)	7/9/98	1,3-Dichlorobenzene	0.006	1,500	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 47 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX043(0.5)	7/9/98	1,4-Dichlorobenzene	0.006	10.8	U	
923EX043(0.5)	7/9/98	1,1-Dichloroethane	0.006	1,500	U	
923EX043(0.5)	7/9/98	1,2-Dichloroethane	0.006	0.75	U	
923EX043(0.5)	7/9/98	1,1-Dichloroethene	0.006	0.111	U	
923EX043(0.5)	7/9/98	1,2-Dichloropropane	0.006	0.93	U	
923EX043(0.5)	7/9/98	1,3-Dichloropropene	0.012	0.75	U	
923EX043(0.5)	7/9/98	2-Hexanone	0.012	NA	U	
923EX043(0.5)	7/9/98	4-Methyl-2-Pentanone	0.012	2,310	U	
923EX043(0.5)	7/9/98	Styrene	0.006	2,040	U	
923EX043(0.5)	7/9/98	1,1,2,2-Tetrachloroethane	0.006	1.35	U	
923EX043(0.5)	7/9/98	Tetrachloroethene	0.006	15	U	
923EX043(0.5)	7/9/98	1,1,1-Trichloroethane	0.006	3,600	U	
923EX043(0.5)	7/9/98	1,1,2-Trichloroethane	0.006	1.95	U	
923EX043(0.5)	7/9/98	Trichlorofluoromethane	0.006	1,140	U	
923EX043(0.5)	7/9/98	Vinyl Acetate	0.012	2,340	U	
923EX043(0.5)	07/09/98	Gasoline	1.2	610	U	
923EX043(0.5)	07/09/98	Diesel	94	700	J-	
923EX043(0.5)	07/09/98	Fuel Oil	260	980	J-	
923EX043(0.5)	07/09/98	Benzene	0.006	1.5	U	
923EX043(0.5)	07/09/98	Toluene	0.006	270	U	
923EX043(0.5)	07/09/98	Ethylbenzene	0.006	125	U	
923EX043(0.5)	07/09/98	Xylenes (Total)	0.006	55	U	
923EX043(0.5)	07/09/98	Total Carcinogenic PAHs	0.115	13	U	
923EX043(0.5)	07/09/98	Benzo(a)anthracene	0.023	See Total	U	
923EX043(0.5)	07/09/98	Benzo(a)pyrene	0.023	0.1	U	
923EX043(0.5)	07/09/98	Benzo(b)fluoranthene	0.023	See Total	U	
923EX043(0.5)	07/09/98	Benzo(b)fluoranthene	0.023	See Total	U	
923EX043(0.5)	07/09/98	Chrysene	0.023	See Total	U	
923EX043(0.5)	07/09/98	Anthracene	0.77	13,800	U	
923EX043(0.5)	07/09/98	Benzo(g,h,i)perylene	0.77	1,400	U	
923EX043(0.5)	07/09/98	Fluoranthene	0.77	1,900	U	
923EX043(0.5)	07/09/98	Fluorene	0.77	1,800	U	
923EX043(0.5)	07/09/98	Naphthalene	0.77	1,100	U	
923EX043(0.5)	07/09/98	Phenanthrene	0.77	1,400	U	
923EX043(0.5)	07/09/98	Pyrene	0.77	1,400	U	
923EX043(0.5)	07/09/98	Cadmium	0.12	3.99	U	
923EX043(0.5)	07/09/98	Chromium	550	1,300		
923EX043(0.5)	07/09/98	Copper	22	88		
923EX043(0.5)	07/09/98	Lead	27	477		

Footnotes at end of table.
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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 48 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX043(0.5)	07/09/98	Mercury	0.044	2.79	U	
923EX043(0.5)	07/09/98	Nickel	770	5,500		
923EX043(0.5)	07/09/98	Zinc	56	89		
923EX044(0.5)5	09/28/98	cis-1,2-Dichloroethene	0.029	467	U	
923EX044(0.5)5	09/28/98	trans-1,2-Dichloroethene	0.029	1,027	U	
923EX044(0.5)5	09/28/98	Trichloroethene	0.029	1.3	U	
923EX044(0.5)5	09/28/98	Vinyl Chloride	0.058	3.0	U	
923EX044(0.5)5	9/9/98	Methylene Chloride	0.029	54	U	
923EX044(0.5)5	9/9/98	Acetone	0.21	6,300		
923EX044(0.5)5	9/9/98	Bromodichloromethane	0.029	1.89	U	
923EX044(0.5)5	9/9/98	Bromoform	0.029	168	U	
923EX044(0.5)5	9/9/98	Bromomethane	0.058	20.4	U	
923EX044(0.5)5	9/9/98	2-Butanone	0.12	21,300	U	
923EX044(0.5)5	09/28/98	Carbon Disulfide	0.071	22.5		
923EX044(0.5)5	9/9/98	Carbon Tetrachloride	0.029	0.69	U	
923EX044(0.5)5	9/9/98	Chlorobenzene	0.029	195	U	
923EX044(0.5)5	9/9/98	Chloroethane	0.058	3,300	U	
923EX044(0.5)5	9/9/98	Chloroform	0.029	0.75	U	
923EX044(0.5)5	9/9/98	Chloromethane	0.058	3.6	U	
923EX044(0.5)5	9/9/98	Dibromochloromethane	0.029	15.9	U	
923EX044(0.5)5	9/9/98	1,2-Dichlorobenzene	0.029	2,100	U	
923EX044(0.5)5	9/9/98	1,3-Dichlorobenzene	0.029	1,500	U	
923EX044(0.5)5	9/9/98	1,4-Dichlorobenzene	0.029	10.8	U	
923EX044(0.5)5	9/9/98	1,1-Dichloroethane	0.029	1,500	U	
923EX044(0.5)5	9/9/98	1,2-Dichloroethane	0.029	0.75	U	
923EX044(0.5)5	9/9/98	1,1-Dichloroethene	0.029	0.111	U	
923EX044(0.5)5	9/9/98	1,2-Dichloropropane	0.029	0.93	U	
923EX044(0.5)5	9/9/98	1,3-Dichloropropene	0.058	0.75	U	
923EX044(0.5)5	9/9/98	2-Hexanone	0.12	NA	U	
923EX044(0.5)5	9/9/98	4-Methyl-2-Pentanone	0.12	2,310	U	
923EX044(0.5)5	9/9/98	Styrene	0.029	2,040	U	
923EX044(0.5)5	9/9/98	1,1,2,2-Tetrachloroethane	0.029	1.35	U	
923EX044(0.5)5	9/9/98	Tetrachloroethene	0.029	15	U	
923EX044(0.5)5	9/9/98	1,1,1-Trichloroethane	0.029	3,600	U	
923EX044(0.5)5	9/9/98	1,1,2-Trichloroethane	0.029	1.95	U	
923EX044(0.5)5	9/9/98	Trichlorofluoromethane	0.058	1,140	U	
923EX044(0.5)5	9/9/98	Vinyl Acetate	0.058	2,340	U	
923EX044(0.5)5	09/28/98	Gasoline	5.8	610	U	
923EX044(0.5)5	09/28/98	Diesel	32	700		

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 49 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX044(0.5)5	09/28/98	Fuel Oil	11	980	U	
923EX044(0.5)5	09/28/98	Benzene	0.029	1.5	U	
923EX044(0.5)5	09/28/98	Toluene	0.029	270	U	
923EX044(0.5)5	09/28/98	Ethylbenzene	0.029	125	U	
923EX044(0.5)5	09/28/98	Xylenes (Total)	0.029	55	U	
923EX044(0.5)5	09/28/98	Total Carcinogenic PAHs	0.176	13	U	
923EX044(0.5)5	09/28/98	Benzo(a)anthracene	0.09	See Total	U	
923EX044(0.5)5	09/28/98	Benzo(a)pyrene	0.023	0.1	U	
923EX044(0.5)5	09/28/98	Benzo(b)fluoranthene	0.009	See Total	U	
923EX044(0.5)5	09/28/98	Benzo(b)fluoranthene	0.009	See Total	U	
923EX044(0.5)5	09/28/98	Chrysene	0.045	See Total	U	
923EX044(0.5)5	09/28/98	Anthracene	0.16	13,800	U	
923EX044(0.5)5	09/28/98	Benzo(g,h,i)perylene	0.045	1,400	U	
923EX044(0.5)5	09/28/98	Fluoranthene	0.045	1,900	U	
923EX044(0.5)5	09/28/98	Fluorene	0.045	1,800	U	
923EX044(0.5)5	09/28/98	Naphthalene	0.23	1,100	U	
923EX044(0.5)5	09/28/98	Phenanthrene	0.14	1,400	U	
923EX044(0.5)5	09/28/98	Pyrene	0.068	1,400	U	
923EX044(0.5)5	09/28/98	Cadmium	0.34	3.99	U	
923EX044(0.5)5	09/28/98	Chromium	870	1,300	J+	
923EX044(0.5)5	09/28/98	Copper	7.0	88		
923EX044(0.5)5	09/28/98	Lead	11	477	U	
923EX044(0.5)5	09/28/98	Mercury	0.23	2.79	U	
923EX044(0.5)5	09/28/98	Nickel	1,400	5,500		
923EX044(0.5)5	09/28/98	Zinc	20	89		
923EX045(1.0)	07/09/98	cis-1,2-Dichloroethene	0.0063	467	U	
923EX045(1.0)	07/09/98	trans-1,2-Dichloroethene	0.0063	1,027	U	
923EX045(1.0)	07/09/98	Trichloroethene	0.0063	1.3	U	
923EX045(1.0)	07/09/98	Vinyl Chloride	0.013	3.0	U	
923EX045(1.0)	7/9/98	Methylene Chloride	0.031	54	U	
923EX045(1.0)	7/9/98	Acetone	0.031	6,300	U	
923EX045(1.0)	7/9/98	Bromodichloromethane	0.0063	1.89	U	
923EX045(1.0)	7/9/98	Bromoform	0.0063	168	U	
923EX045(1.0)	7/9/98	Bromomethane	0.013	20.4	U	
923EX045(1.0)	7/9/98	2-Butanone	0.013	21,300	U	
923EX045(1.0)	7/9/98	Carbon Disulfide	0.0063	22.5	U	
923EX045(1.0)	7/9/98	Carbon Tetrachloride	0.0063	0.69	U	
923EX045(1.0)	7/9/98	Chlorobenzene	0.0063	195	U	
923EX045(1.0)	7/9/98	Chloroethane	0.013	3,300	U	

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 50 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX045(1.0)	7/9/98	Chloroform	0.0063	0.75	U	
923EX045(1.0)	7/9/98	Chloromethane	0.013	3.6	U	
923EX045(1.0)	7/9/98	Dibromochloromethane	0.0063	15.9	U	
923EX045(1.0)	7/9/98	1,2-Dichlorobenzene	0.0063	2,100	U	
923EX045(1.0)	7/9/98	1,3-Dichlorobenzene	0.0063	1,500	U	
923EX045(1.0)	7/9/98	1,4-Dichlorobenzene	0.0063	10.8	U	
923EX045(1.0)	7/9/98	1,1-Dichloroethane	0.0063	1,500	U	
923EX045(1.0)	7/9/98	1,2-Dichloroethane	0.0063	0.75	U	
923EX045(1.0)	7/9/98	1,1-Dichloroethene	0.0063	0.111	U	
923EX045(1.0)	7/9/98	1,2-Dichloropropane	0.0063	0.93	U	
923EX045(1.0)	7/9/98	1,3-Dichloropropene	0.0126	0.75	U	
923EX045(1.0)	7/9/98	2-Hexanone	0.013	NA	U	
923EX045(1.0)	7/9/98	4-Methyl-2-Pentanone	0.013	2,310	U	
923EX045(1.0)	7/9/98	Styrene	0.0063	2,040	U	
923EX045(1.0)	7/9/98	1,1,2,2-Tetrachloroethane	0.0063	1.35	U	
923EX045(1.0)	7/9/98	Tetrachloroethene	0.0063	15	U	
923EX045(1.0)	7/9/98	1,1,1-Trichloroethane	0.0063	3,600	U	
923EX045(1.0)	7/9/98	1,1,2-Trichloroethane	0.0063	1.95	U	
923EX045(1.0)	7/9/98	Trichlorofluoromethane	0.0063	1,140	U	
923EX045(1.0)	7/9/98	Vinyl Acetate	0.013	2,340	U	
923EX045(1.0)	07/09/98	Gasoline	1.3	610	U	
923EX045(1.0)	07/09/98	Diesel	96	700	J	
923EX045(1.0)	07/09/98	Fuel Oil	200	980	J	
923EX045(1.0)	07/09/98	Benzene	0.0063	1.5	U	
923EX045(1.0)	07/09/98	Toluene	0.0063	270	U	
923EX045(1.0)	07/09/98	Ethylbenzene	0.0063	125	U	
923EX045(1.0)	07/09/98	Xylenes (Total)	0.0063	55	U	
923EX045(1.0)	07/09/98	Total Carcinogenic PAHs	0.13	13	U	
923EX045(1.0)	07/09/98	Benzo(a)anthracene	0.026	See Total	U	
923EX045(1.0)	07/09/98	Benzo(a)pyrene	0.026	0.1	U	
923EX045(1.0)	07/09/98	Benzo(b)fluoranthene	0.026	See Total	U	
923EX045(1.0)	07/09/98	Benzo(b)fluoranthene	0.026	See Total	U	
923EX045(1.0)	07/09/98	Chrysene	0.026	See Total	U	
923EX045(1.0)	07/09/98	Anthracene	1.7	13,800	U	
923EX045(1.0)	07/09/98	Benzo(g,h,i)perylene	1.7	1,400	U	
923EX045(1.0)	07/09/98	Fluoranthene	1.7	1,900	U	
923EX045(1.0)	07/09/98	Fluorene	1.7	1,800	U	
923EX045(1.0)	07/09/98	Naphthalene	1.7	1,100	U	
923EX045(1.0)	07/09/98	Phenanthrene	1.7	1,400	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 51 of 72)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX045(1.0)	07/09/98	Pyrene	1.7	1,400	U	
923EX045(1.0)	07/09/98	Cadmium	0.12	3.99	U	
923EX045(1.0)	07/09/98	Chromium	710	1,300		
923EX045(1.0)	07/09/98	Copper	11	88		
923EX045(1.0)	07/09/98	Lead	19	477		
923EX045(1.0)	07/09/98	Mercury	0.051	2.79	U	
923EX045(1.0)	07/09/98	Nickel	1,200	5,500		
923EX045(1.0)	07/09/98	Zinc	24	89		
923EX046(0.5)	07/09/98	cis-1,2-Dichloroethene	0.0068	467	U	
923EX046(0.5)	07/09/98	trans-1,2-Dichloroethene	0.0068	1,027	U	
923EX046(0.5)	07/09/98	Trichloroethene	0.0068	1.3	U	
923EX046(0.5)	07/09/98	Vinyl Chloride	0.014	3.0	U	
923EX046(0.5)	7/9/98	Methylene Chloride	0.034	54	U	
923EX046(0.5)	7/9/98	Acetone	0.034	6,300	U	
923EX046(0.5)	7/9/98	Bromodichloromethane	0.0068	1.89	U	
923EX046(0.5)	7/9/98	Bromoform	0.0068	168	U	
923EX046(0.5)	7/9/98	Bromomethane	0.014	20.4	U	
923EX046(0.5)	7/9/98	2-Butanone	0.014	21,300	U	
923EX046(0.5)	7/9/98	Carbon Disulfide	0.0068	22.5	U	
923EX046(0.5)	7/9/98	Carbon Tetrachloride	0.0068	0.69	U	
923EX046(0.5)	7/9/98	Chlorobenzene	0.0068	195	U	
923EX046(0.5)	7/9/98	Chloroethane	0.014	3,300	U	
923EX046(0.5)	7/9/98	Chloroform	0.0068	0.75	U	
923EX046(0.5)	7/9/98	Chloromethane	0.014	3.6	U	
923EX046(0.5)	7/9/98	Dibromochloromethane	0.0068	15.9	U	
923EX046(0.5)	7/9/98	1,2-Dichlorobenzene	0.0068	2,100	U	
923EX046(0.5)	7/9/98	1,3-Dichlorobenzene	0.0068	1,500	U	
923EX046(0.5)	7/9/98	1,4-Dichlorobenzene	0.0068	10.8	U	
923EX046(0.5)	7/9/98	1,1-Dichloroethane	0.0068	1,500	U	
923EX046(0.5)	7/9/98	1,2-Dichloroethane	0.0068	0.75	U	
923EX046(0.5)	7/9/98	1,1-Dichloroethene	0.0068	0.111	U	
923EX046(0.5)	7/9/98	1,2-Dichloropropane	0.0068	0.93	U	
923EX046(0.5)	7/9/98	1,3-Dichloropropene	0.0136	0.75	U	
923EX046(0.5)	7/9/98	2-Hexanone	0.014	NA	U	
923EX046(0.5)	7/9/98	4-Methyl-2-Pentanone	0.014	2,310	U	
923EX046(0.5)	7/9/98	Styrene	0.0068	2,040	U	
923EX046(0.5)	7/9/98	1,1,2,2-Tetrachloroethane	0.0068	1.35	U	
923EX046(0.5)	7/9/98	Tetrachloroethene	0.0068	15	U	
923EX046(0.5)	7/9/98	1,1,1-Trichloroethane	0.0068	3,600	U	

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 52 of 72)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX046(0.5)	7/9/98	1,1,2-Trichloroethane	0.0068	1.95	U	
923EX046(0.5)	7/9/98	Trichlorofluoromethane	0.0068	1,140	U	
923EX046(0.5)	7/9/98	Vinyl Acetate	0.014	2,340	U	
923EX046(0.5)	07/09/98	Gasoline	1.4	610	U	
923EX046(0.5)	07/09/98	Diesel	9.5	700	J	
923EX046(0.5)	07/09/98	Fuel Oil	39	980	J	
923EX046(0.5)	07/09/98	Benzene	0.0068	1.5	U	
923EX046(0.5)	07/09/98	Toluene	0.0068	270	U	
923EX046(0.5)	07/09/98	Ethylbenzene	0.0068	125	U	
923EX046(0.5)	07/09/98	Xylenes (Total)	0.0068	55	U	
923EX046(0.5)	07/09/98	Total Carcinogenic PAHs	0.135	13	U	
923EX046(0.5)	07/09/98	Benzo(a)anthracene	0.027	See Total	U	
923EX046(0.5)	07/09/98	Benzo(a)pyrene	0.027	0.1	U	
923EX046(0.5)	07/09/98	Benzo(b)fluoranthene	0.027	See Total	U	
923EX046(0.5)	07/09/98	Benzo(b)fluoranthene	0.027	See Total	U	
923EX046(0.5)	07/09/98	Chrysene	0.027	See Total	U	
923EX046(0.5)	07/09/98	Anthracene	1.8	13,800	U	
923EX046(0.5)	07/09/98	Benzo(g,h,i)perylene	1.8	1,400	U	
923EX046(0.5)	07/09/98	Fluoranthene	1.8	1,900	U	
923EX046(0.5)	07/09/98	Fluorene	1.8	1,800	U	
923EX046(0.5)	07/09/98	Naphthalene	1.8	1,100	U	
923EX046(0.5)	07/09/98	Phenanthrene	1.8	1,400	U	
923EX046(0.5)	07/09/98	Pyrene	1.8	1,400	U	
923EX046(0.5)	07/09/98	Cadmium	0.14	3.99	U	
923EX046(0.5)	07/09/98	Chromium	820	1,300		
923EX046(0.5)	07/09/98	Copper	9.5	88		
923EX046(0.5)	07/09/98	Lead	6.9	477		
923EX046(0.5)	07/09/98	Mercury	0.048	2.79	U	
923EX046(0.5)	07/09/98	Nickel	1,200	5,500		
923EX046(0.5)	07/09/98	Zinc	20	89		
923EX047(0.5)	07/09/98	cis-1,2-Dichloroethene	0.0063	467	U	
923EX047(0.5)	07/09/98	trans-1,2-Dichloroethene	0.0063	1,027	U	
923EX047(0.5)	07/09/98	Trichloroethene	0.0063	1.3	U	
923EX047(0.5)	07/09/98	Vinyl Chloride	0.013	3.0	U	
923EX047(0.5)	7/9/98	Methylene Chloride	0.031	54	U	
923EX047(0.5)	7/9/98	Acetone	0.031	6,300	U	
923EX047(0.5)	7/9/98	Bromodichloromethane	0.0063	1.89	U	
923EX047(0.5)	7/9/98	Bromoform	0.0063	168	U	
923EX047(0.5)	7/9/98	Bromomethane	0.013	20.4	U	

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 53 of 72)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX047(0.5)	7/9/98	2-Butanone	0.013	21,300	U	
923EX047(0.5)	7/9/98	Carbon Disulfide	0.0063	22.5	U	
923EX047(0.5)	7/9/98	Carbon Tetrachloride	0.0063	0.69	U	
923EX047(0.5)	7/9/98	Chlorobenzene	0.0063	195	U	
923EX047(0.5)	7/9/98	Chloroethane	0.013	3,300	U	
923EX047(0.5)	7/9/98	Chloroform	0.0063	0.75	U	
923EX047(0.5)	7/9/98	Chloromethane	0.013	3.6	U	
923EX047(0.5)	7/9/98	Dibromochloromethane	0.0063	15.9	U	
923EX047(0.5)	7/9/98	1,2-Dichlorobenzene	0.0063	2,100	U	
923EX047(0.5)	7/9/98	1,3-Dichlorobenzene	0.0063	1,500	U	
923EX047(0.5)	7/9/98	1,4-Dichlorobenzene	0.0063	10.8	U	
923EX047(0.5)	7/9/98	1,1-Dichloroethane	0.0063	1,500	U	
923EX047(0.5)	7/9/98	1,2-Dichloroethane	0.0063	0.75	U	
923EX047(0.5)	7/9/98	1,1-Dichloroethene	0.0063	0.111	U	
923EX047(0.5)	7/9/98	1,2-Dichloropropane	0.0063	0.93	U	
923EX047(0.5)	7/9/98	1,3-Dichloropropene	0.0126	0.75	U	
923EX047(0.5)	7/9/98	2-Hexanone	0.013	NA	U	
923EX047(0.5)	7/9/98	4-Methyl-2-Pentanone	0.013	2,310	U	
923EX047(0.5)	7/9/98	Styrene	0.0063	2,040	U	
923EX047(0.5)	7/9/98	1,1,2,2-Tetrachloroethane	0.0063	1.35	U	
923EX047(0.5)	7/9/98	Tetrachloroethene	0.0063	15	U	
923EX047(0.5)	7/9/98	1,1,1-Trichloroethane	0.0063	3,600	U	
923EX047(0.5)	7/9/98	1,1,2-Trichloroethane	0.0063	1.95	U	
923EX047(0.5)	7/9/98	Trichlorofluoromethane	0.0063	1,140	U	
923EX047(0.5)	7/9/98	Vinyl Acetate	0.013	2,340	U	
923EX047(0.5)	07/09/98	Gasoline	1.3	610	U	
923EX047(0.5)	07/09/98	Diesel	29	700	J	
923EX047(0.5)	07/09/98	Fuel Oil	150	980	J	
923EX047(0.5)	07/09/98	Benzene	0.0063	1.5	U	
923EX047(0.5)	07/09/98	Toluene	0.0063	270	U	
923EX047(0.5)	07/09/98	Ethylbenzene	0.0063	125	U	
923EX047(0.5)	07/09/98	Xylenes (Total)	0.0063	55	U	
923EX047(0.5)	07/09/98	Total Carcinogenic PAHs	0.13	13	U	
923EX047(0.5)	07/09/98	Benzo(a)anthracene	0.026	See Total	U	
923EX047(0.5)	07/09/98	Benzo(a)pyrene	0.026	0.1	U	
923EX047(0.5)	07/09/98	Benzo(b)fluoranthene	0.026	See Total	U	
923EX047(0.5)	07/09/98	Benzo(b)fluoranthene	0.026	See Total	U	
923EX047(0.5)	07/09/98	Chrysene	0.026	See Total	U	
923EX047(0.5)	07/09/98	Anthracene	0.43	13,800	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 54 of 72)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX047(0.5)	07/09/98	Benzo(g,h,i)perylene	0.43	1,400	U	
923EX047(0.5)	07/09/98	Fluoranthene	0.43	1,900	U	
923EX047(0.5)	07/09/98	Fluorene	0.43	1,800	U	
923EX047(0.5)	07/09/98	Naphthalene	0.43	1,100	U	
923EX047(0.5)	07/09/98	Phenanthrene	0.43	1,400	U	
923EX047(0.5)	07/09/98	Pyrene	0.43	1,400	U	
923EX047(0.5)	07/09/98	Cadmium	0.13	3.99	U	
923EX047(0.5)	07/09/98	Chromium	720	1,300		
923EX047(0.5)	07/09/98	Copper	12	88		
923EX047(0.5)	07/09/98	Lead	45	477		
923EX047(0.5)	07/09/98	Mercury	0.049	2.79	U	
923EX047(0.5)	07/09/98	Nickel	1,100	5,500		
923EX047(0.5)	07/09/98	Zinc	49	89		
923EX047(0.5)DUP	07/09/98	cis-1,2-Dichloroethene	0.0062	467	U	923DUP070998A
923EX047(0.5)DUP	07/09/98	trans-1,2-Dichloroethene	0.0062	1,027	U	
923EX047(0.5)DUP	07/09/98	Trichloroethene	0.0062	1.3	U	
923EX047(0.5)DUP	07/09/98	Vinyl Chloride	0.012	3.0	U	
923EX047(0.5)DUP	7/9/98	Methylene Chloride	0.031	54	U	
923EX047(0.5)DUP	7/9/98	Acetone	0.031	6,300	U	
923EX047(0.5)DUP	7/9/98	Bromodichloromethane	0.0062	1.89	U	
923EX047(0.5)DUP	7/9/98	Bromoform	0.0062	168	U	
923EX047(0.5)DUP	7/9/98	Bromomethane	0.012	20.4	U	
923EX047(0.5)DUP	7/9/98	2-Butanone	0.012	21,300	U	
923EX047(0.5)DUP	7/9/98	Carbon Disulfide	0.0062	22.5	U	
923EX047(0.5)DUP	7/9/98	Carbon Tetrachloride	0.0062	0.69	U	
923EX047(0.5)DUP	7/9/98	Chlorobenzene	0.0062	195	U	
923EX047(0.5)DUP	7/9/98	Chloroethane	0.012	3,300	U	
923EX047(0.5)DUP	7/9/98	Chloroform	0.0062	0.75	U	
923EX047(0.5)DUP	7/9/98	Chloromethane	0.012	3.6	U	
923EX047(0.5)DUP	7/9/98	Dibromochloromethane	0.0062	15.9	U	
923EX047(0.5)DUP	7/9/98	1,2-Dichlorobenzene	0.0062	2,100	U	
923EX047(0.5)DUP	7/9/98	1,3-Dichlorobenzene	0.0062	1,500	U	
923EX047(0.5)DUP	7/9/98	1,4-Dichlorobenzene	0.0062	10.8	U	
923EX047(0.5)DUP	7/9/98	1,1-Dichloroethane	0.0062	1,500	U	
923EX047(0.5)DUP	7/9/98	1,2-Dichloroethane	0.0062	0.75	U	
923EX047(0.5)DUP	7/9/98	1,1-Dichloroethene	0.0062	0.111	U	
923EX047(0.5)DUP	7/9/98	1,2-Dichloropropane	0.0062	0.93	U	
923EX047(0.5)DUP	7/9/98	1,3-Dichloropropene	0.0124	0.75	U	
923EX047(0.5)DUP	7/9/98	2-Hexanone	0.012	NA	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 55 of 72)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX047(0.5)DUP	7/9/98	4-Methyl-2-Pentanone	0.012	2,310	U	
923EX047(0.5)DUP	7/9/98	Styrene	0.0062	2,040	U	
923EX047(0.5)DUP	7/9/98	1,1,2,2-Tetrachloroethane	0.0062	1.35	U	
923EX047(0.5)DUP	7/9/98	Tetrachloroethene	0.0062	15	U	
923EX047(0.5)DUP	7/9/98	1,1,1-Trichloroethane	0.0062	3,600	U	
923EX047(0.5)DUP	7/9/98	1,1,2-Trichloroethane	0.0062	1.95	U	
923EX047(0.5)DUP	7/9/98	Trichlorofluoromethane	0.0062	1,140	U	
923EX047(0.5)DUP	7/9/98	Vinyl Acetate	0.012	2,340	U	
923EX047(0.5)DUP	07/09/98	Gasoline	1.2	610	U	
923EX047(0.5)DUP	07/09/98	Diesel	7.2	700	J	
923EX047(0.5)DUP	07/09/98	Fuel Oil	34	980	J	
923EX047(0.5)DUP	07/09/98	Benzene	0.0062	1.5	U	
923EX047(0.5)DUP	07/09/98	Toluene	0.0062	270	U	
923EX047(0.5)DUP	07/09/98	Ethylbenzene	0.0062	125	U	
923EX047(0.5)DUP	07/09/98	Xylenes (Total)	0.0062	55	U	
923EX047(0.5)DUP	07/09/98	Total Carcinogenic PAHs	0.135	13	U	
923EX047(0.5)DUP	07/09/98	Benzo(a)anthracene	0.027	See Total	U	
923EX047(0.5)DUP	07/09/98	Benzo(a)pyrene	0.027	0.1	U	
923EX047(0.5)DUP	07/09/98	Benzo(b)fluoranthene	0.027	See Total	U	
923EX047(0.5)DUP	07/09/98	Benzo(b)fluoranthene	0.027	See Total	U	
923EX047(0.5)DUP	07/09/98	Chrysene	0.027	See Total	U	
923EX047(0.5)DUP	07/09/98	Anthracene	0.45	13,800	U	
923EX047(0.5)DUP	07/09/98	Benzo(g,h,i)perylene	0.45	1,400	U	
923EX047(0.5)DUP	07/09/98	Fluoranthene	0.45	1,900	U	
923EX047(0.5)DUP	07/09/98	Fluorene	0.45	1,800	U	
923EX047(0.5)DUP	07/09/98	Naphthalene	0.45	1,100	U	
923EX047(0.5)DUP	07/09/98	Phenanthrene	0.45	1,400	U	
923EX047(0.5)DUP	07/09/98	Pyrene	0.45	1,400	U	
923EX047(0.5)DUP	07/09/98	Cadmium	0.12	3.99	U	
923EX047(0.5)DUP	07/09/98	Chromium	450	1,300		
923EX047(0.5)DUP	07/09/98	Copper	4.7	88		
923EX047(0.5)DUP	07/09/98	Lead	9.2	477		
923EX047(0.5)DUP	07/09/98	Mercury	0.047	2.79	U	
923EX047(0.5)DUP	07/09/98	Nickel	1,200	5,500		
923EX047(0.5)DUP	07/09/98	Zinc	19	89		
923EX059(1.0)2	11/30/98	Methylene Chloride	0.0063	54	U	
923EX059(1.0)2	11/30/98	Cadmium	1.8	3.99		
923EX059(1.0)2	11/30/98	Copper	9.4	88		
923EX059(1.0)2	11/30/98	Lead	12	477	U	

Footnotes at end of table.
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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 56 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX059(1.0)2	11/30/98	Mercury	0.063	2.79	U	
923EX059(1.0)2	11/30/98	Zinc	17	89		
923EX060(0.5)	08/05/98	Methylene Chloride	0.027	54	U	
923EX060(0.5)	08/05/98	Cadmium	0.11	3.99	UJ	
923EX060(0.5)	08/05/98	Copper	14	88		
923EX060(0.5)	08/05/98	Lead	55	477	J	
923EX060(0.5)	08/05/98	Mercury	0.04	2.79	U	
923EX060(0.5)	08/05/98	Zinc	51	89	J	
923EX060(0.5)DUP	08/05/98	Methylene Chloride	0.027	54	U	923DUP080598A
923EX060(0.5)DUP	08/05/98	Cadmium	0.1	3.99	UJ	
923EX060(0.5)DUP	08/05/98	Copper	11	88		
923EX060(0.5)DUP	08/05/98	Lead	0.54	477	J	
923EX060(0.5)DUP	08/05/98	Mercury	0.038	2.79	U	
923EX060(0.5)DUP	08/05/98	Zinc	13	89	J	
923EX061(1.0)	10/07/98	Methylene Chloride	0.0058	54	U	
923EX061(1.0)	10/07/98	Cadmium	0.37	3.99		
923EX061(1.0)	10/07/98	Copper	16	88		
923EX061(1.0)	10/07/98	Lead	230	477		
923EX061(1.0)	10/07/98	Mercury	0.22	2.79	U	
923EX061(1.0)	10/07/98	Zinc	83	89	J+	
923EX062(1.0)2	12/07/98	Methylene Chloride	0.0056	54	U	
923EX062(1.0)2	12/07/98	Cadmium	1.6	3.99		
923EX062(1.0)2	12/07/98	Copper	17	88		
923EX062(1.0)2	12/07/98	Lead	38	477		
923EX062(1.0)2	12/07/98	Mercury	0.056	2.79	U	
923EX062(1.0)2	12/07/98	Zinc	49	89		
923EX063(0.5)	09/09/98	cis-1,2-Dichloroethene	0.0059	467	U	
923EX063(0.5)	09/09/98	trans-1,2-Dichloroethene	0.0059	1,027	U	
923EX063(0.5)	09/09/98	Trichloroethene	0.0059	1.3	U	
923EX063(0.5)	09/09/98	Vinyl Chloride	0.012	3.0	U	
923EX063(0.5)	9/9/98	Methylene Chloride	0.0059	54	U	
923EX063(0.5)	9/9/98	Acetone	0.016	6,300	J	
923EX063(0.5)	9/9/98	Bromodichloromethane	0.0059	1.89	U	
923EX063(0.5)	9/9/98	Bromoform	0.0059	168	U	
923EX063(0.5)	9/9/98	Bromomethane	0.012	20.4	U	
923EX063(0.5)	9/9/98	2-Butanone	0.024	21,300	U	
923EX063(0.5)	9/9/98	Carbon Disulfide	0.0059	22.5	U	
923EX063(0.5)	9/9/98	Carbon Tetrachloride	0.0059	0.69	U	
923EX063(0.5)	9/9/98	Chlorobenzene	0.0059	195	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 57 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX063(0.5)	9/9/98	Chloroethane	0.012	3,300	U	
923EX063(0.5)	9/9/98	Chloroform	0.0059	0.75	U	
923EX063(0.5)	9/9/98	Chloromethane	0.012	3.6	U	
923EX063(0.5)	9/9/98	Dibromochloromethane	0.0059	15.9	U	
923EX063(0.5)	9/9/98	1,2-Dichlorobenzene	0.0059	2,100	U	
923EX063(0.5)	9/9/98	1,3-Dichlorobenzene	0.0059	1,500	U	
923EX063(0.5)	9/9/98	1,4-Dichlorobenzene	0.0059	10.8	U	
923EX063(0.5)	9/9/98	1,1-Dichloroethane	0.0059	1,500	U	
923EX063(0.5)	9/9/98	1,2-Dichloroethane	0.0059	0.75	U	
923EX063(0.5)	9/9/98	1,1-Dichloroethene	0.0059	0.111	U	
923EX063(0.5)	9/9/98	1,2-Dichloropropane	0.0059	0.93	U	
923EX063(0.5)	9/9/98	1,3-Dichloropropene	0.0118	0.75	U	
923EX063(0.5)	9/9/98	2-Hexanone	0.024	NA	U	
923EX063(0.5)	9/9/98	4-Methyl-2-Pentanone	0.024	2,310	U	
923EX063(0.5)	9/9/98	Styrene	0.0059	2,040	U	
923EX063(0.5)	9/9/98	1,1,2,2-Tetrachloroethane	0.0059	1.35	U	
923EX063(0.5)	9/9/98	Tetrachloroethene	0.0059	15	U	
923EX063(0.5)	9/9/98	1,1,1-Trichloroethane	0.0059	3,600	U	
923EX063(0.5)	9/9/98	1,1,2-Trichloroethane	0.0059	1.95	U	
923EX063(0.5)	9/9/98	Trichlorofluoromethane	0.012	1,140	U	
923EX063(0.5)	9/9/98	Vinyl Acetate	0.012	2,340	U	
923EX063(0.5)	09/09/98	Gasoline	1.2	610	U	
923EX063(0.5)	09/09/98	Diesel	12	700	U	
923EX063(0.5)	09/09/98	Fuel Oil	12	980	U	
923EX063(0.5)	09/09/98	Benzene	0.0059	1.5	U	
923EX063(0.5)	09/09/98	Toluene	0.0059	270	U	
923EX063(0.5)	09/09/98	Ethylbenzene	0.0059	125	U	
923EX063(0.5)	09/09/98	Xylenes (Total)	0.0059	55	U	
923EX063(0.5)	09/09/98	Total Carcinogenic PAHs	0.192	13	U	
923EX063(0.5)	09/09/98	Benzo(a)anthracene	0.098	See Total	U	
923EX063(0.5)	09/09/98	Benzo(a)pyrene	0.025	0.1	U	
923EX063(0.5)	09/09/98	Benzo(b)fluoranthene	0.0098	See Total	U	
923EX063(0.5)	09/09/98	Benzo(b)fluoranthene	0.0098	See Total	U	
923EX063(0.5)	09/09/98	Chrysene	0.049	See Total	U	
923EX063(0.5)	09/09/98	Anthracene	0.17	13,800	U	
923EX063(0.5)	09/09/98	Benzo(g,h,i)perylene	0.049	1,400	U	
923EX063(0.5)	09/09/98	Fluoranthene	0.049	1,900	U	
923EX063(0.5)	09/09/98	Fluorene	0.049	1,800	U	
923EX063(0.5)	09/09/98	Naphthalene	0.25	1,100	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 58 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX063(0.5)	09/09/98	Phenanthrene	0.15	1,400	U	
923EX063(0.5)	09/09/98	Pyrene	0.074	1,400	U	
923EX063(0.5)	09/09/98	Cadmium	0.37	3.99	U	
923EX063(0.5)	09/09/98	Chromium	96	1,300	J+	
923EX063(0.5)	09/09/98	Copper	6.3	88		
923EX063(0.5)	09/09/98	Lead	12	477	U	
923EX063(0.5)	09/09/98	Mercury	0.25	2.79	U	
923EX063(0.5)	09/09/98	Nickel	230	5,500		
923EX063(0.5)	09/09/98	Zinc	26	89		
923EX064(0.5)	09/09/98	cis-1,2-Dichloroethene	0.0061	467	U	
923EX064(0.5)	09/09/98	trans-1,2-Dichloroethene	0.0061	1,027	U	
923EX064(0.5)	09/09/98	Trichloroethene	0.0061	1.3	U	
923EX064(0.5)	09/09/98	Vinyl Chloride	0.012	3.0	U	
923EX064(0.5)	9/9/98	Methylene Chloride	0.0061	54	U	
923EX064(0.5)	9/9/98	Acetone	0.022	6,300	J	
923EX064(0.5)	9/9/98	Bromodichloromethane	0.0061	1.89	U	
923EX064(0.5)	9/9/98	Bromoform	0.0061	168	U	
923EX064(0.5)	9/9/98	Bromomethane	0.012	20.4	U	
923EX064(0.5)	9/9/98	2-Butanone	0.025	21,300	U	
923EX064(0.5)	9/9/98	Carbon Disulfide	0.0061	22.5	U	
923EX064(0.5)	9/9/98	Carbon Tetrachloride	0.0061	0.69	U	
923EX064(0.5)	9/9/98	Chlorobenzene	0.0061	195	U	
923EX064(0.5)	9/9/98	Chloroethane	0.012	3,300	U	
923EX064(0.5)	9/9/98	Chloroform	0.0061	0.75	U	
923EX064(0.5)	9/9/98	Chloromethane	0.012	3.6	U	
923EX064(0.5)	9/9/98	Dibromochloromethane	0.0061	15.9	U	
923EX064(0.5)	9/9/98	1,2-Dichlorobenzene	0.0061	2,100	U	
923EX064(0.5)	9/9/98	1,3-Dichlorobenzene	0.0061	1,500	U	
923EX064(0.5)	9/9/98	1,4-Dichlorobenzene	0.0061	10.8	U	
923EX064(0.5)	9/9/98	1,1-Dichloroethane	0.0061	1,500	U	
923EX064(0.5)	9/9/98	1,2-Dichloroethane	0.0061	0.75	U	
923EX064(0.5)	9/9/98	1,1-Dichloroethene	0.0061	0.111	U	
923EX064(0.5)	9/9/98	1,2-Dichloropropane	0.0061	0.93	U	
923EX064(0.5)	9/9/98	1,3-Dichloropropene	0.0122	0.75	U	
923EX064(0.5)	9/9/98	2-Hexanone	0.025	NA	U	
923EX064(0.5)	9/9/98	4-Methyl-2-Pentanone	0.025	2,310	U	
923EX064(0.5)	9/9/98	Styrene	0.0061	2,040	U	
923EX064(0.5)	9/9/98	1,1,2,2-Tetrachloroethane	0.0061	1.35	U	
923EX064(0.5)	9/9/98	Tetrachloroethene	0.0061	15	U	

Footnotes at end of table.
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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 59 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX064(0.5)	9/9/98	1,1,1-Trichloroethane	0.0061	3,600	U	
923EX064(0.5)	9/9/98	1,1,2-Trichloroethane	0.0061	1.95	U	
923EX064(0.5)	9/9/98	Trichlorofluoromethane	0.012	1,140	U	
923EX064(0.5)	9/9/98	Vinyl Acetate	0.012	2,340	U	
923EX064(0.5)	09/09/98	Gasoline	1.2	610	U	
923EX064(0.5)	09/09/98	Diesel	12	700	U	
923EX064(0.5)	09/09/98	Fuel Oil	12	980	U	
923EX064(0.5)	09/09/98	Benzene	0.0061	1.5	U	
923EX064(0.5)	09/09/98	Toluene	0.0061	270	U	
923EX064(0.5)	09/09/98	Ethylbenzene	0.0061	125	U	
923EX064(0.5)	09/09/98	Xylenes (Total)	0.0061	55	U	
923EX064(0.5)	09/09/98	Total Carcinogenic PAHs	0.19	13	U	
923EX064(0.5)	09/09/98	Benzo(a)anthracene	0.098	See Total	U	
923EX064(0.5)	09/09/98	Benzo(a)pyrene	0.024	0.1	U	
923EX064(0.5)	09/09/98	Benzo(b)fluoranthene	0.0098	See Total	U	
923EX064(0.5)	09/09/98	Benzo(b)fluoranthene	0.0098	See Total	U	
923EX064(0.5)	09/09/98	Chrysene	0.049	See Total	U	
923EX064(0.5)	09/09/98	Anthracene	0.17	13,800	U	
923EX064(0.5)	09/09/98	Benzo(g,h,i)perylene	0.049	1,400	U	
923EX064(0.5)	09/09/98	Fluoranthene	0.049	1,900	U	
923EX064(0.5)	09/09/98	Fluorene	0.049	1,800	U	
923EX064(0.5)	09/09/98	Naphthalene	0.24	1,100	U	
923EX064(0.5)	09/09/98	Phenanthrene	0.15	1,400	U	
923EX064(0.5)	09/09/98	Pyrene	0.073	1,400	U	
923EX064(0.5)	09/09/98	Cadmium	0.37	3.99	U	
923EX064(0.5)	09/09/98	Chromium	130	1,300	J+	
923EX064(0.5)	09/09/98	Copper	11	88		
923EX064(0.5)	09/09/98	Lead	21	477		
923EX064(0.5)	09/09/98	Mercury	0.24	2.79	U	
923EX064(0.5)	09/09/98	Nickel	250	5,500		
923EX064(0.5)	09/09/98	Zinc	23	89		
923EX065(0.5)	08/05/98	Methylene Chloride	0.027	54	U	
923EX065(0.5)	08/05/98	Cadmium	0.11	3.99	UJ	
923EX065(0.5)	08/05/98	Copper	15	88		
923EX065(0.5)	08/05/98	Lead	100	477	J	
923EX065(0.5)	08/05/98	Mercury	0.042	2.79	U	
923EX065(0.5)	08/05/98	Zinc	55	89	J	
923EX066(0.5)A	12/01/98	Methylene Chloride	0.0059	54	U	
923EX066(0.5)	08/05/98	Cadmium	0.097	3.99	U	

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 60 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX066(0.5)	08/05/98	Copper	26	88		
923EX066(0.5)	08/05/98	Lead	110	477		
923EX066(0.5)A	12/01/98	Mercury	0.059	2.79	U	
923EX066(0.5)	08/05/98	Zinc	57	89		
923EX067(2.0)	10/07/98	Methylene Chloride	0.0056	54	U	
923EX067(2.0)	10/07/98	Cadmium	0.61	3.99		
923EX067(2.0)	10/07/98	Copper	32	88		
923EX067(2.0)	10/07/98	Lead	65	477		
923EX067(2.0)	10/07/98	Mercury	0.22	2.79	U	
923EX067(2.0)	10/07/98	Zinc	84	89	J+	
923EX068(1.0)	08/05/98	Methylene Chloride	0.026	54	U	
923EX068(1.0)	08/05/98	Cadmium	0.067	3.99	UJ	
923EX068(1.0)	08/05/98	Copper	3.9	88		
923EX068(1.0)	08/05/98	Lead	8.7	477	J	
923EX068(1.0)	08/05/98	Mercury	0.025	2.79	U	
923EX068(1.0)	08/05/98	Zinc	18	89	J	
923EX075(0.5)	09/01/98	Methylene Chloride	0.027	54	U	
923EX075(0.5)	09/01/98	Cadmium	0.9	3.99		
923EX075(0.5)	09/01/98	Copper	31	88	J	
923EX075(0.5)	09/01/98	Lead	33	477	J-	
923EX075(0.5)	09/01/98	Mercury	0.036	2.79	U	
923EX075(0.5)	09/01/98	Zinc	41	89		
923EX076(0.5)	09/01/98	Methylene Chloride	0.027	54	U	
923EX076(0.5)	09/01/98	Cadmium	0.67	3.99		
923EX076(0.5)	09/01/98	Copper	72	88	J	
923EX076(0.5)	09/01/98	Lead	27	477	J-	
923EX076(0.5)	09/01/98	Mercury	0.04	2.79	U	
923EX076(0.5)	09/01/98	Zinc	34	89		
923EX077(0.5)	09/01/98	Methylene Chloride	0.028	54	U	
923EX077(0.5)	09/01/98	Cadmium	0.74	3.99		
923EX077(0.5)	09/01/98	Copper	16	88	J	
923EX077(0.5)	09/01/98	Lead	19	477	J-	
923EX077(0.5)	09/01/98	Mercury	0.044	2.79	U	
923EX077(0.5)	09/01/98	Zinc	27	89		
923EX081(1.0)	09/01/98	Methylene Chloride	0.029	54	U	
923EX081(1.0)	09/01/98	Cadmium	0.44	3.99		
923EX081(1.0)	09/01/98	Copper	16	88	J	
923EX081(1.0)	09/01/98	Lead	6.8	477	J-	
923EX081(1.0)	09/01/98	Mercury	0.035	2.79	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 61 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX081(1.0)	09/01/98	Zinc	20	89		
923EX082(0.5)	09/01/98	Methylene Chloride	0.027	54	U	
923EX082(0.5)	09/01/98	Cadmium	0.55	3.99		
923EX082(0.5)	09/01/98	Copper	85	88	J	
923EX082(0.5)	09/01/98	Lead	15	477	J-	
923EX082(0.5)	09/01/98	Mercury	0.034	2.79	U	
923EX082(0.5)	09/01/98	Zinc	20	89		
923EX083(0.5)	09/02/98	Methylene Chloride	0.027	54	U	
923EX083(0.5)	09/02/98	Cadmium	0.66	3.99		
923EX083(0.5)	09/02/98	Copper	74	88	J	
923EX083(0.5)	09/02/98	Lead	21	477	J-	
923EX083(0.5)	09/02/98	Mercury	0.042	2.79	U	
923EX083(0.5)	09/02/98	Zinc	18	89		
923EX084(0.5)	09/02/98	Methylene Chloride	0.027	54	U	
923EX084(0.5)	09/02/98	Cadmium	0.6	3.99		
923EX084(0.5)	09/02/98	Copper	86	88	J	
923EX084(0.5)	09/02/98	Lead	27	477	J-	
923EX084(0.5)	09/02/98	Mercury	0.043	2.79	U	
923EX084(0.5)	09/02/98	Zinc	22	89		
923EX085(0.5)2	10/07/98	Methylene Chloride	0.006	54	U	
923EX085(0.5)2	10/07/98	Cadmium	0.35	3.99	U	
923EX085(0.5)2	10/07/98	Copper	20	88		
923EX085(0.5)2	10/07/98	Lead	35	477		
923EX085(0.5)2	10/07/98	Mercury	0.23	2.79	U	
923EX085(0.5)2	10/07/98	Zinc	68	89	J+	
923EX086(0.5)	09/02/98	Methylene Chloride	0.027	54	U	
923EX086(0.5)	09/02/98	Cadmium	0.63	3.99		
923EX086(0.5)	09/02/98	Copper	79	88	J	
923EX086(0.5)	09/02/98	Lead	12	477	J-	
923EX086(0.5)	09/02/98	Mercury	0.038	2.79	U	
923EX086(0.5)	09/02/98	Zinc	21	89		
923EX086(0.5)DUP	09/02/98	Methylene Chloride	0.028	54	U	923DUP090298A
923EX086(0.5)DUP	09/02/98	Cadmium	1.1	3.99		
923EX086(0.5)DUP	09/02/98	Copper	70	88	J	
923EX086(0.5)DUP	09/02/98	Lead	16	477	J-	
923EX086(0.5)DUP	09/02/98	Mercury	0.061	2.79		
923EX086(0.5)DUP	09/02/98	Zinc	33	89		
923EX087(0.5)4	10/07/98	Methylene Chloride	0.0057	54	U	
923EX087(0.5)4	10/07/98	Cadmium	0.35	3.99	U	

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 62 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX087(0.5)4	10/07/98	Copper	16	88		
923EX087(0.5)4	10/07/98	Lead	22	477		
923EX087(0.5)4	10/07/98	Mercury	0.23	2.79	U	
923EX087(0.5)4	10/07/98	Zinc	95	89	J+	Exceeds cleanup level
923EX088(1.0)	09/02/98	Methylene Chloride	0.028	54	U	
923EX088(1.0)	09/02/98	Cadmium	1.4	3.99		
923EX088(1.0)	09/02/98	Copper	16	88	J	
923EX088(1.0)	09/02/98	Lead	9.1	477	J-	
923EX088(1.0)	09/02/98	Mercury	0.042	2.79	U	
923EX088(1.0)	09/02/98	Zinc	45	89		
923EX090(0.5)	09/01/98	Methylene Chloride	0.027	54	U	
923EX090(0.5)	09/01/98	Cadmium	0.73	3.99		
923EX090(0.5)	09/01/98	Copper	79	88	J	
923EX090(0.5)	09/01/98	Lead	30	477	J-	
923EX090(0.5)	09/01/98	Mercury	0.041	2.79	U	
923EX090(0.5)	09/01/98	Zinc	24	89		
923EX090(0.5)DUP	09/01/98	Methylene Chloride	0.026	54	U	923DUP090198B
923EX090(0.5)DUP	09/01/98	Cadmium	0.59	3.99		
923EX090(0.5)DUP	09/01/98	Copper	70	88	J	
923EX090(0.5)DUP	09/01/98	Lead	16	477	J-	
923EX090(0.5)DUP	09/01/98	Mercury	0.042	2.79	U	
923EX090(0.5)DUP	09/01/98	Zinc	21	89		
923EX091(0.5)	09/01/98	Methylene Chloride	0.027	54	U	
923EX091(0.5)	09/01/98	Cadmium	0.79	3.99		
923EX091(0.5)	09/01/98	Copper	68	88	J	
923EX091(0.5)	09/01/98	Lead	22	477	J-	
923EX091(0.5)	09/01/98	Mercury	0.041	2.79	U	
923EX091(0.5)	09/01/98	Zinc	29	89		
923EX092(1.0)	09/02/98	Methylene Chloride	0.027	54	U	
923EX092(1.0)	09/02/98	Cadmium	0.54	3.99		
923EX092(1.0)	09/02/98	Copper	11	88	J	
923EX092(1.0)	09/02/98	Lead	4.9	477	J-	
923EX092(1.0)	09/02/98	Mercury	0.066	2.79		
923EX092(1.0)	09/02/98	Zinc	21	89		
923EX093(1.0)	09/02/98	Methylene Chloride	0.028	54	U	
923EX093(1.0)	09/02/98	Cadmium	1.4	3.99		
923EX093(1.0)	09/02/98	Copper	39	88	J	
923EX093(1.0)	09/02/98	Lead	24	477	J-	
923EX093(1.0)	09/02/98	Mercury	0.043	2.79	U	

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 63 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX093(1.0)	09/02/98	Zinc	33	89		
923EX094(1.0)	09/02/98	Methylene Chloride	0.027	54	U	
923EX094(1.0)	09/02/98	Cadmium	0.75	3.99		
923EX094(1.0)	09/02/98	Copper	32	88	J	
923EX094(1.0)	09/02/98	Lead	23	477	J-	
923EX094(1.0)	09/02/98	Mercury	0.037	2.79	U	
923EX094(1.0)	09/02/98	Zinc	28	89		
923EX095(0.5)30	09/28/98	Methylene Chloride	0.006	54	U	
923EX095(0.5)30	09/28/98	PCBs (Total)	0.168	1.0	U	
923EX095(0.5)30	09/28/98	Aroclor-1016	0.024	See Total	U	
923EX095(0.5)30	09/28/98	Aroclor-1221	0.024	See Total	U	
923EX095(0.5)30	09/28/98	Aroclor-1232	0.024	See Total	U	
923EX095(0.5)30	09/28/98	Aroclor-1242	0.024	See Total	U	
923EX095(0.5)30	09/28/98	Aroclor-1248	0.024	See Total	U	
923EX095(0.5)30	09/28/98	Aroclor-1254	0.024	See Total	U	
923EX095(0.5)30	09/28/98	Aroclor-1260	0.024	See Total	U	
923EX095(0.5)30	09/28/98	Cadmium	1.1	3.99		
923EX095(0.5)30	09/28/98	Copper	22	88		
923EX095(0.5)30	09/28/98	Lead	12	477	U	
923EX095(0.5)30	09/28/98	Mercury	0.060	2.79		
923EX095(0.5)30	09/28/98	Zinc	35	89		
923EX096(0.5)10	09/28/98	Methylene Chloride	0.0054	54	U	
923EX096(0.5)10	12/28/98	PCBs (Total)	0.663	1.0	U	
923EX096(0.5)10	12/28/98	Aroclor-1016	0.097	See Total	U	
923EX096(0.5)10	12/28/98	Aroclor-1221	0.081	See Total	U	
923EX096(0.5)10	12/28/98	Aroclor-1232	0.097	See Total	U	
923EX096(0.5)10	12/28/98	Aroclor-1242	0.097	See Total	U	
923EX096(0.5)10	12/28/98	Aroclor-1248	0.097	See Total	U	
923EX096(0.5)10	12/28/98	Aroclor-1254	0.097	See Total	U	
923EX096(0.5)10	12/28/98	Aroclor-1260	0.097	See Total	U	
923EX096(0.5)10	09/28/98	Cadmium	0.61	3.99	U	
923EX096(0.5)10	09/28/98	Copper	12	88		
923EX096(0.5)10	09/28/98	Lead	9.7	477	J	
923EX096(0.5)10	09/28/98	Mercury	0.24	2.79	U	
923EX096(0.5)10	09/28/98	Zinc	36	89		
923EX099(0.5)15	12/02/98	Methylene Chloride	0.0059	54	U	
923EX099(0.5)15	12/02/98	PCBs (Total)	0.161	1.0	U	
923EX099(0.5)15	12/02/98	Aroclor-1016	0.023	See Total	U	
923EX099(0.5)15	12/02/98	Aroclor-1221	0.023	See Total	U	

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 64 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX099(0.5)15	12/02/98	Aroclor-1232	0.023	See Total	U	
923EX099(0.5)15	12/02/98	Aroclor-1242	0.023	See Total	U	
923EX099(0.5)15	12/02/98	Aroclor-1248	0.023	See Total	U	
923EX099(0.5)15	12/02/98	Aroclor-1254	0.023	See Total	U	
923EX099(0.5)15	12/02/98	Aroclor-1260	0.023	See Total	U	
923EX099(0.5)15	12/02/98	Cadmium	0.99	3.99		
923EX099(0.5)15	12/02/98	Copper	11	88		
923EX099(0.5)15	12/02/98	Lead	12	477	U	
923EX099(0.5)15	12/02/98	Mercury	0.075	2.79		
923EX099(0.5)15	12/02/98	Zinc	30	89		
923EX103(1.0)	09/10/98	Methylene Chloride	0.0056	54	U	
923EX103(1.0)A	09/29/98	PCBs (Total)	0.057	1.0		
923EX103(1.0)A	09/29/98	Aroclor-1016	0.035	See Total	U	
923EX103(1.0)A	09/29/98	Aroclor-1221	0.072	See Total	U	
923EX103(1.0)A	09/29/98	Aroclor-1232	0.035	See Total	U	
923EX103(1.0)A	09/29/98	Aroclor-1242	0.035	See Total	U	
923EX103(1.0)A	09/29/98	Aroclor-1248	0.035	See Total	U	
923EX103(1.0)A	09/29/98	Aroclor-1254	0.035	See Total	U	
923EX103(1.0)A	09/29/98	Aroclor-1260	0.057	See Total	J+	
923EX103(1.0)	09/10/98	Cadmium	0.34	3.99	U	
923EX103(1.0)	09/10/98	Copper	16	88		
923EX103(1.0)	09/10/98	Lead	29	477		
923EX103(1.0)	09/10/98	Mercury	0.22	2.79	U	
923EX103(1.0)	09/10/98	Zinc	67	89		
923EX104(0.5)5	09/28/98	Methylene Chloride	0.0056	54	U	
923EX104(0.5)5	12/28/98	PCBs (Total)	0.686	1.0	U	
923EX104(0.5)5	12/28/98	Aroclor-1016	0.1	See Total	U	
923EX104(0.5)5	12/28/98	Aroclor-1221	0.086	See Total	U	
923EX104(0.5)5	12/28/98	Aroclor-1232	0.1	See Total	U	
923EX104(0.5)5	12/28/98	Aroclor-1242	0.1	See Total	U	
923EX104(0.5)5	12/28/98	Aroclor-1248	0.1	See Total	U	
923EX104(0.5)5	12/28/98	Aroclor-1254	0.1	See Total	U	
923EX104(0.5)5	12/28/98	Aroclor-1260	0.1	See Total	U	
923EX104(0.5)5	09/28/98	Cadmium	0.65	3.99	U	
923EX104(0.5)5	09/28/98	Copper	14	88		
923EX104(0.5)5	09/28/98	Lead	7.3	477	J	
923EX104(0.5)5	09/28/98	Mercury	0.26	2.79	U	
923EX104(0.5)5	09/28/98	Zinc	38	89		
923EX107(0.5)	09/28/98	Methylene Chloride	0.006	54	U	

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 65 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX107(0.5)	12/28/98	PCBs (Total)	0.656	1.0	U	
923EX107(0.5)	12/28/98	Aroclor-1016	0.096	See Total	U	
923EX107(0.5)	12/28/98	Aroclor-1221	0.08	See Total	U	
923EX107(0.5)	12/28/98	Aroclor-1232	0.096	See Total	U	
923EX107(0.5)	12/28/98	Aroclor-1242	0.096	See Total	U	
923EX107(0.5)	12/28/98	Aroclor-1248	0.096	See Total	U	
923EX107(0.5)	12/28/98	Aroclor-1254	0.096	See Total	U	
923EX107(0.5)	12/28/98	Aroclor-1260	0.096	See Total	U	
923EX107(0.5)	09/28/98	Cadmium	0.6	3.99	U	
923EX107(0.5)	09/28/98	Copper	15	88		
923EX107(0.5)	09/28/98	Lead	6.3	477	J	
923EX107(0.5)	09/28/98	Mercury	0.24	2.79	U	
923EX107(0.5)	09/28/98	Zinc	40	89		
923EX108(2.0)	12/01/98	Methylene Chloride	0.0057	54	U	
923EX108(2.0)	12/01/98	PCBs (Total)	0.161	1.0	U	
923EX108(2.0)	12/01/98	Aroclor-1016	0.023	See Total	U	
923EX108(2.0)	12/01/98	Aroclor-1221	0.023	See Total	U	
923EX108(2.0)	12/01/98	Aroclor-1232	0.023	See Total	U	
923EX108(2.0)	12/01/98	Aroclor-1242	0.023	See Total	U	
923EX108(2.0)	12/01/98	Aroclor-1248	0.023	See Total	U	
923EX108(2.0)	12/01/98	Aroclor-1254	0.023	See Total	U	
923EX108(2.0)	12/01/98	Aroclor-1260	0.023	See Total	U	
923EX108(2.0)	12/01/98	Cadmium	1.2	3.99		
923EX108(2.0)	12/01/98	Copper	6.7	88		
923EX108(2.0)	12/01/98	Lead	11	477	U	
923EX108(2.0)	12/01/98	Mercury	0.057	2.79	U	
923EX108(2.0)	12/01/98	Zinc	12	89		
923EX108(2.0)DUP	12/01/98	Methylene Chloride	0.0058	54	U	923DUP120198B
923EX108(2.0)DUP	12/01/98	PCBs (Total)	0.161	1.0	U	
923EX108(2.0)DUP	12/01/98	Aroclor-1016	0.023	See Total	U	
923EX108(2.0)DUP	12/01/98	Aroclor-1221	0.023	See Total	U	
923EX108(2.0)DUP	12/01/98	Aroclor-1232	0.023	See Total	U	
923EX108(2.0)DUP	12/01/98	Aroclor-1242	0.023	See Total	U	
923EX108(2.0)DUP	12/01/98	Aroclor-1248	0.023	See Total	U	
923EX108(2.0)DUP	12/01/98	Aroclor-1254	0.023	See Total	U	
923EX108(2.0)DUP	12/01/98	Aroclor-1260	0.023	See Total	U	
923EX108(2.0)DUP	12/01/98	Cadmium	1.0	3.99		
923EX108(2.0)DUP	12/01/98	Copper	5.0	88		
923EX108(2.0)DUP	12/01/98	Lead	12	477	U	

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L:\CF Closure\TBL923.XLS

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 66 of 72)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX108(2.0)DUP	12/01/98	Mercury	0.058	2.79	U	
923EX108(2.0)DUP	12/01/98	Zinc	9	89		
923EX109(0.5)10	12/02/98	Methylene Chloride	0.0058	54	U	
923EX109(0.5)10	12/02/98	PCBs (Total)	0.161	1.0	U	
923EX109(0.5)10	12/02/98	Aroclor-1016	0.023	See Total	U	
923EX109(0.5)10	12/02/98	Aroclor-1221	0.023	See Total	U	
923EX109(0.5)10	12/02/98	Aroclor-1232	0.023	See Total	U	
923EX109(0.5)10	12/02/98	Aroclor-1242	0.023	See Total	U	
923EX109(0.5)10	12/02/98	Aroclor-1248	0.023	See Total	U	
923EX109(0.5)10	12/02/98	Aroclor-1254	0.023	See Total	U	
923EX109(0.5)10	12/02/98	Aroclor-1260	0.023	See Total	U	
923EX109(0.5)10	12/02/98	Cadmium	0.92	3.99		
923EX109(0.5)10	12/02/98	Copper	8.7	88		
923EX109(0.5)10	12/02/98	Lead	12	477	U	
923EX109(0.5)10	12/02/98	Mercury	0.058	2.79	U	
923EX109(0.5)10	12/02/98	Zinc	17	89		
923EX131(0.5)	10/27/98	Methylene Chloride	0.0054	54	U	
923EX131(0.5)	10/27/98	PCBs (Total)	0.595	1.0	U	
923EX131(0.5)	10/27/98	Aroclor-1016	0.087	See Total	U	
923EX131(0.5)	10/27/98	Aroclor-1221	0.073	See Total	U	
923EX131(0.5)	10/27/98	Aroclor-1232	0.087	See Total	U	
923EX131(0.5)	10/27/98	Aroclor-1242	0.087	See Total	U	
923EX131(0.5)	10/27/98	Aroclor-1248	0.087	See Total	U	
923EX131(0.5)	10/27/98	Aroclor-1254	0.087	See Total	U	
923EX131(0.5)	10/27/98	Aroclor-1260	0.087	See Total	U	
923EX131(0.5)	10/27/98	Cadmium	0.32	3.99	U	
923EX131(0.5)	10/27/98	Copper	8	88		
923EX131(0.5)	10/27/98	Lead	39	477		
923EX131(0.5)	10/27/98	Mercury	0.22	2.79	U	
923EX131(0.5)	10/27/98	Zinc	34	89		
923EX132(0.5)	10/27/98	Methylene Chloride	0.0056	54	U	
923EX132(0.5)	10/27/98	PCBs (Total)	0.609	1.0	U	
923EX132(0.5)	10/27/98	Aroclor-1016	0.089	See Total	U	
923EX132(0.5)	10/27/98	Aroclor-1221	0.075	See Total	U	
923EX132(0.5)	10/27/98	Aroclor-1232	0.089	See Total	U	
923EX132(0.5)	10/27/98	Aroclor-1242	0.089	See Total	U	
923EX132(0.5)	10/27/98	Aroclor-1248	0.089	See Total	U	
923EX132(0.5)	10/27/98	Aroclor-1254	0.089	See Total	U	
923EX132(0.5)	10/27/98	Aroclor-1260	0.089	See Total	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 67 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX132(0.5)	10/27/98	Cadmium	0.33	3.99	U	
923EX132(0.5)	10/27/98	Copper	9.7	88		
923EX132(0.5)	10/27/98	Lead	8.8	477	J	
923EX132(0.5)	10/27/98	Mercury	0.22	2.79	U	
923EX132(0.5)	10/27/98	Zinc	37	89		
923EX133(0.5)A	11/13/98	Methylene Chloride	0.0065	54	U	
923EX133(0.5)A	11/13/98	PCBs (Total)	0.182	1.0	U	
923EX133(0.5)A	11/13/98	Aroclor-1016	0.026	See Total	U	
923EX133(0.5)A	11/13/98	Aroclor-1221	0.026	See Total	U	
923EX133(0.5)A	11/13/98	Aroclor-1232	0.026	See Total	U	
923EX133(0.5)A	11/13/98	Aroclor-1242	0.026	See Total	U	
923EX133(0.5)A	11/13/98	Aroclor-1248	0.026	See Total	U	
923EX133(0.5)A	11/13/98	Aroclor-1254	0.026	See Total	U	
923EX133(0.5)A	11/13/98	Aroclor-1260	0.026	See Total	U	
923EX133(0.5)A	11/13/98	Cadmium	0.48	3.99		
923EX133(0.5)A	11/13/98	Copper	10	88	J+	
923EX133(0.5)A	11/13/98	Lead	13	477	UJ	
923EX133(0.5)A	11/13/98	Mercury	0.065	2.79	U	
923EX133(0.5)A	11/13/98	Zinc	67	89	J+	
923EX134(0.5)0.5	11/30/98	Methylene Chloride	0.0059	54	U	
923EX134(0.5)0.5	11/30/98	PCBs (Total)	0.161	1.0	U	
923EX134(0.5)0.5	11/30/98	Aroclor-1016	0.023	See Total	U	
923EX134(0.5)0.5	11/30/98	Aroclor-1221	0.023	See Total	U	
923EX134(0.5)0.5	11/30/98	Aroclor-1232	0.023	See Total	U	
923EX134(0.5)0.5	11/30/98	Aroclor-1242	0.023	See Total	U	
923EX134(0.5)0.5	11/30/98	Aroclor-1248	0.023	See Total	U	
923EX134(0.5)0.5	11/30/98	Aroclor-1254	0.023	See Total	U	
923EX134(0.5)0.5	11/30/98	Aroclor-1260	0.023	See Total	U	
923EX134(0.5)0.5	11/30/98	Cadmium	1.0	3.99		
923EX134(0.5)0.5	11/30/98	Copper	10	88		
923EX134(0.5)0.5	11/30/98	Lead	11	477	U	
923EX134(0.5)0.5	11/30/98	Mercury	0.057	2.79	U	
923EX134(0.5)0.5	11/30/98	Zinc	22	89		
923EX135(0.5)1	11/30/98	Methylene Chloride	0.028	54	U	
923EX135(0.5)1	11/30/98	PCBs (Total)	0.63	1.0	U	
923EX135(0.5)1	11/30/98	Aroclor-1016	0.09	See Total	U	
923EX135(0.5)1	11/30/98	Aroclor-1221	0.09	See Total	U	
923EX135(0.5)1	11/30/98	Aroclor-1232	0.09	See Total	U	
923EX135(0.5)1	11/30/98	Aroclor-1242	0.09	See Total	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 68 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX135(0.5)1	11/30/98	Aroclor-1248	0.09	See Total	U	
923EX135(0.5)1	11/30/98	Aroclor-1254	0.09	See Total	U	
923EX135(0.5)1	11/30/98	Aroclor-1260	0.09	See Total	U	
923EX135(0.5)1	11/30/98	Cadmium	0.11	3.99	UJ	
923EX135(0.5)1	11/30/98	Copper	6.9	88		
923EX135(0.5)1	11/30/98	Lead	8.4	477	J-	
923EX135(0.5)1	11/30/98	Mercury	0.045	2.79	U	
923EX135(0.5)1	11/30/98	Zinc	21	89		
923EX136(0.5)	11/16/98	Methylene Chloride	0.0054	54	U	
923EX136(0.5)	11/16/98	PCBs (Total)	0.154	1.0	U	
923EX136(0.5)	11/16/98	Aroclor-1016	0.022	See Total	U	
923EX136(0.5)	11/16/98	Aroclor-1221	0.022	See Total	U	
923EX136(0.5)	11/16/98	Aroclor-1232	0.022	See Total	U	
923EX136(0.5)	11/16/98	Aroclor-1242	0.022	See Total	U	
923EX136(0.5)	11/16/98	Aroclor-1248	0.022	See Total	U	
923EX136(0.5)	11/16/98	Aroclor-1254	0.022	See Total	U	
923EX136(0.5)	11/16/98	Aroclor-1260	0.022	See Total	U	
923EX136(0.5)	11/16/98	Cadmium	0.52	3.99		
923EX136(0.5)	11/16/98	Copper	7.6	88	J	
923EX136(0.5)	11/16/98	Lead	11	477	J	
923EX136(0.5)	11/16/98	Mercury	0.054	2.79	U	
923EX136(0.5)	11/16/98	Zinc	21	89	J	
923EX137(0.5)	11/16/98	Methylene Chloride	0.0054	54	U	
923EX137(0.5)	11/16/98	PCBs (Total)	0.154	1.0	U	
923EX137(0.5)	11/16/98	Aroclor-1016	0.022	See Total	U	
923EX137(0.5)	11/16/98	Aroclor-1221	0.022	See Total	U	
923EX137(0.5)	11/16/98	Aroclor-1232	0.022	See Total	U	
923EX137(0.5)	11/16/98	Aroclor-1242	0.022	See Total	U	
923EX137(0.5)	11/16/98	Aroclor-1248	0.022	See Total	U	
923EX137(0.5)	11/16/98	Aroclor-1254	0.022	See Total	U	
923EX137(0.5)	11/16/98	Aroclor-1260	0.022	See Total	U	
923EX137(0.5)	11/16/98	Cadmium	0.58	3.99		
923EX137(0.5)	11/16/98	Copper	8.5	88	J	
923EX137(0.5)	11/16/98	Lead	11	477	UJ	
923EX137(0.5)	11/16/98	Mercury	0.054	2.79	U	
923EX137(0.5)	11/16/98	Zinc	26	89	J	
923EX138(0.5)	12/01/98	Methylene Chloride	0.0057	54	U	
923EX138(0.5)	12/01/98	Cadmium	1.1	3.99		
923EX138(0.5)	12/01/98	Copper	38	88		

Footnotes at end of table.
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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 69 of 72)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX138(0.5)	12/01/98	Lead	11	477	U	
923EX138(0.5)	12/01/98	Mercury	0.057	2.79	U	
923EX138(0.5)	12/01/98	Zinc	26	89		
923EX139(0.5)	12/01/98	Methylene Chloride	0.0054	54	U	
923EX139(0.5)	12/01/98	Cadmium	2.2	3.99		
923EX139(0.5)	12/01/98	Copper	15	88		
923EX139(0.5)	12/01/98	Lead	11	477	U	
923EX139(0.5)	12/01/98	Mercury	0.054	2.79	U	
923EX139(0.5)	12/01/98	Zinc	35	89		
923EX140(0.5)	12/01/98	Methylene Chloride	0.0053	54	U	
923EX140(0.5)	12/01/98	Cadmium	1.8	3.99		
923EX140(0.5)	12/01/98	Copper	12	88		
923EX140(0.5)	12/01/98	Lead	10	477	U	
923EX140(0.5)	12/01/98	Mercury	0.053	2.79	U	
923EX140(0.5)	12/01/98	Zinc	30	89		
923EX141(0.5)	12/01/98	Methylene Chloride	0.0057	54	U	
923EX141(0.5)	12/01/98	Cadmium	1.2	3.99		
923EX141(0.5)	12/01/98	Copper	52	88		
923EX141(0.5)	12/01/98	Lead	11	477	U	
923EX141(0.5)	12/01/98	Mercury	0.057	2.79	U	
923EX141(0.5)	12/01/98	Zinc	19	89		
923EX142(0.5)	12/01/98	Methylene Chloride	0.0057	54	U	
923EX142(0.5)	12/01/98	Cadmium	1.4	3.99		
923EX142(0.5)	12/01/98	Copper	13	88		
923EX142(0.5)	12/01/98	Lead	70	477		
923EX142(0.5)	12/01/98	Mercury	0.057	2.79	U	
923EX142(0.5)	12/01/98	Zinc	37	89		
923EX143(1.0)	12/01/98	Methylene Chloride	0.006	54	U	
923EX143(1.0)	12/01/98	Cadmium	0.89	3.99		
923EX143(1.0)	12/01/98	Copper	38	88		
923EX143(1.0)	12/01/98	Lead	21	477		
923EX143(1.0)	12/01/98	Mercury	0.06	2.79	U	
923EX143(1.0)	12/01/98	Zinc	19	89		
923EX144(1.0)	12/01/98	Methylene Chloride	0.0055	54	U	
923EX144(1.0)	12/01/98	Cadmium	0.60	3.99		
923EX144(1.0)	12/01/98	Copper	77	88		
923EX144(1.0)	12/01/98	Lead	11	477	U	
923EX144(1.0)	12/01/98	Mercury	0.055	2.79	U	
923EX144(1.0)	12/01/98	Zinc	7	89		

Footnotes at end of table.
L:\CF Closure\TBL923.XLS

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 70 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX144(1.0)DUP	12/01/98	Methylene Chloride	0.005	54	U	923DUP120198A
923EX144(1.0)DUP	12/01/98	Cadmium	0.65	3.99		
923EX144(1.0)DUP	12/01/98	Copper	84	88		
923EX144(1.0)DUP	12/01/98	Lead	11	477	U	
923EX144(1.0)DUP	12/01/98	Mercury	0.055	2.79	U	
923EX144(1.0)DUP	12/01/98	Zinc	9	89		
923EX145(1.5)	12/01/98	Methylene Chloride	0.0059	54	U	
923EX145(1.5)	12/01/98	PCBs (Total)	0.168	1.0	U	
923EX145(1.5)	12/01/98	Aroclor-1016	0.024	See Total	U	
923EX145(1.5)	12/01/98	Aroclor-1221	0.024	See Total	U	
923EX145(1.5)	12/01/98	Aroclor-1232	0.024	See Total	U	
923EX145(1.5)	12/01/98	Aroclor-1242	0.024	See Total	U	
923EX145(1.5)	12/01/98	Aroclor-1248	0.024	See Total	U	
923EX145(1.5)	12/01/98	Aroclor-1254	0.024	See Total	U	
923EX145(1.5)	12/01/98	Aroclor-1260	0.024	See Total	U	
923EX145(1.5)	12/01/98	Cadmium	1.4	3.99		
923EX145(1.5)	12/01/98	Copper	8.3	88		
923EX145(1.5)	12/01/98	Lead	12	477	U	
923EX145(1.5)	12/01/98	Mercury	0.059	2.79	U	
923EX145(1.5)	12/01/98	Zinc	10	89		
923EX146(1.5)	12/01/98	Methylene Chloride	0.0058	54	U	
923EX146(1.5)	12/01/98	PCBs (Total)	0.065	1.0		
923EX146(1.5)	12/01/98	Aroclor-1016	0.023	See Total	U	
923EX146(1.5)	12/01/98	Aroclor-1221	0.023	See Total	U	
923EX146(1.5)	12/01/98	Aroclor-1232	0.023	See Total	U	
923EX146(1.5)	12/01/98	Aroclor-1242	0.023	See Total	U	
923EX146(1.5)	12/01/98	Aroclor-1248	0.023	See Total	U	
923EX146(1.5)	12/01/98	Aroclor-1254	0.065	See Total		
923EX146(1.5)	12/01/98	Aroclor-1260	0.023	See Total	U	
923EX146(1.5)	12/01/98	Cadmium	1.2	3.99		
923EX146(1.5)	12/01/98	Copper	7.9	88		
923EX146(1.5)	12/01/98	Lead	12	477	U	
923EX146(1.5)	12/01/98	Mercury	0.062	2.79		
923EX146(1.5)	12/01/98	Zinc	18	89		
923EX147(1.5)	12/01/98	Methylene Chloride	0.0061	54	U	
923EX147(1.5)	12/01/98	PCBs (Total)	0.168	1.0	U	
923EX147(1.5)	12/01/98	Aroclor-1016	0.024	See Total	U	
923EX147(1.5)	12/01/98	Aroclor-1221	0.024	See Total	U	
923EX147(1.5)	12/01/98	Aroclor-1232	0.024	See Total	U	

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Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 71 of 72)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX147(1.5)	12/01/98	Aroclor-1242	0.024	See Total	U	
923EX147(1.5)	12/01/98	Aroclor-1248	0.024	See Total	U	
923EX147(1.5)	12/01/98	Aroclor-1254	0.024	See Total	U	
923EX147(1.5)	12/01/98	Aroclor-1260	0.024	See Total	U	
923EX147(1.5)	12/01/98	Cadmium	1.3	3.99		
923EX147(1.5)	12/01/98	Copper	7.6	88		
923EX147(1.5)	12/01/98	Lead	12	477	U	
923EX147(1.5)	12/01/98	Mercury	0.061	2.79	U	
923EX147(1.5)	12/01/98	Zinc	12	89		
923EX148(1.5)	12/01/98	Methylene Chloride	0.0059	54	U	
923EX148(1.5)	12/01/98	PCBs (Total)	0.168	1.0	U	
923EX148(1.5)	12/01/98	Aroclor-1016	0.024	See Total	U	
923EX148(1.5)	12/01/98	Aroclor-1221	0.024	See Total	U	
923EX148(1.5)	12/01/98	Aroclor-1232	0.024	See Total	U	
923EX148(1.5)	12/01/98	Aroclor-1242	0.024	See Total	U	
923EX148(1.5)	12/01/98	Aroclor-1248	0.024	See Total	U	
923EX148(1.5)	12/01/98	Aroclor-1254	0.024	See Total	U	
923EX148(1.5)	12/01/98	Aroclor-1260	0.024	See Total	U	
923EX148(1.5)	12/01/98	Cadmium	0.86	3.99		
923EX148(1.5)	12/01/98	Copper	8	88		
923EX148(1.5)	12/01/98	Lead	12	477	U	
923EX148(1.5)	12/01/98	Mercury	0.065	2.79		
923EX148(1.5)	12/01/98	Zinc	14	89		
Excavation 4						
923EX013(1.0)	07/07/98	Methylene Chloride	0.032	54	UJ	
923EX013(1.0)	07/07/98	Cadmium	0.13	3.99	U	
923EX013(1.0)	07/07/98	Copper	13	88	J	
923EX013(1.0)	07/07/98	Lead	0.19	477	U	
923EX013(1.0)	07/07/98	Mercury	0.14	2.79		
923EX013(1.0)	07/07/98	Zinc	11	89		
923EX014(1.0)	07/07/98	Methylene Chloride	0.029	54	UJ	
923EX014(1.0)	07/07/98	Cadmium	0.21	3.99		
923EX014(1.0)	07/07/98	Copper	12	88	J	
923EX014(1.0)	07/07/98	Lead	23	477		
923EX014(1.0)	07/07/98	Mercury	0.047	2.79	U	
923EX014(1.0)	07/07/98	Zinc	17	89		
923EX015(1.0)	07/07/98	Methylene Chloride	0.026	54	UJ	
923EX015(1.0)	07/07/98	Cadmium	0.1	3.99	U	
923EX015(1.0)	07/07/98	Copper	7.6	88	J	

Footnotes at end of table.
L:\CF Closure\TBL923.XLS

Table A - 5
Building 923/937
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 72 of 72)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
923EX015(1.0)	07/07/98	Lead	9.1	477		
923EX015(1.0)	07/07/98	Mercury	0.046	2.79		
923EX015(1.0)	07/07/98	Zinc	20	89		
923EX016(1.0)	07/07/98	Methylene Chloride	0.026	54	UJ	
923EX016(1.0)	07/07/98	Cadmium	0.1	3.99	U	
923EX016(1.0)	07/07/98	Copper	10	88	J	
923EX016(1.0)	07/07/98	Lead	6.9	477		
923EX016(1.0)	07/07/98	Mercury	0.042	2.79	U	
923EX016(1.0)	07/07/98	Zinc	32	89		
923EX017(1.5)	07/07/98	Methylene Chloride	0.026	54	UJ	
923EX017(1.5)	07/07/98	Cadmium	0.1	3.99	U	
923EX017(1.5)	07/07/98	Copper	3	88	J	
923EX017(1.5)	07/07/98	Lead	1.1	477		
923EX017(1.5)	07/07/98	Mercury	0.04	2.79	U	
923EX017(1.5)	07/07/98	Zinc	12	89		
923EX017(1.5)DUP	07/07/98	Methylene Chloride	0.026	54	UJ	923DUP070798A
923EX017(1.5)DUP	07/07/98	Cadmium	0.1	3.99	U	
923EX017(1.5)DUP	07/07/98	Copper	3	88	J	
923EX017(1.5)DUP	07/07/98	Lead	1.1	477		
923EX017(1.5)DUP	07/07/98	Mercury	0.04	2.79	U	
923EX017(1.5)DUP	07/07/98	Zinc	12	89		

^a milligrams per kilogram

^b Soil cleanup levels and Recreational Benchmark Management Levels (RBMLs) established as specified in the *Final Remedial Action Plan, Crissy Field Area* (Army, 1998)

^c Qualifiers

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately measure the analyte in the sample.

"-" - Analytical result biased low

"+" - Analytical result biased high

^d Depth of sample in feet below original ground surface is in parentheses

^e no applicable cleanup level or RBML

^f polycyclic aromatic hydrocarbons

^g Cleanup level for Total Carcinogenic PAHs applicable

^h polycyclic biphenyls

ⁱ Cleanup level for Total PCBs applicable

^j duplicate sample

^k Sample identification number as it appears on chain-of-custody forms

Checked by: MB 6-3-99

Approved by: Cj Padden 6/13/99



**U.S. Army Corps of Engineers
Sacramento District**

***SOIL REMEDIATION CLOSURE REPORT
CRISSY FIELD AREA
PRESIDIO OF SAN FRANCISCO, CALIFORNIA***

June 1999

***Sacramento TERC
Contract No. DACW05-95-D-0001***



**INTERNATIONAL
TECHNOLOGY
CORPORATION**

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 1 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
Excavation 1						
937EX007(7.5) ^d	06/29/98	cis-1,2-Dichloroethene	1.4	467	U	
937EX007(7.5)	06/29/98	trans-1,2-Dichloroethene	1.4	1,027	U	
937EX007(7.5)	06/29/98	Trichloroethene	1.4	1.3	U	e
937EX007(7.5)	06/29/98	Vinyl Chloride	2.7	3.0	U	
937EX007(7.5)	06/29/98	Methylene Chloride	1.6	54		
937EX007(7.5)	06/29/98	Acetone	3.4	6,300	J+	
937EX007(7.5)	06/29/98	Bromodichloromethane	1.4	1.89	U	
937EX007(7.5)	06/29/98	Bromoform	1.4	168	U	
937EX007(7.5)	06/29/98	Bromomethane	2.7	20.4	U	
937EX007(7.5)	06/29/98	2-Butanone	2.7	21,300	U	
937EX007(7.5)	06/29/98	Carbon Disulfide	1.4	22.5	U	
937EX007(7.5)	06/29/98	Carbon Tetrachloride	1.4	0.69	U	
937EX007(7.5)	06/29/98	Chlorobenzene	1.4	195	U	
937EX007(7.5)	06/29/98	Chloroethane	2.7	3,300	U	
937EX007(7.5)	06/29/98	Chloroform	1.4	0.75	U	
937EX007(7.5)	06/29/98	Chloromethane	2.7	3.6	U	
937EX007(7.5)	06/29/98	Dibromochloromethane	1.4	15.9	U	
937EX007(7.5)	06/29/98	1,2-Dichlorobenzene	2.3	2,100		
937EX007(7.5)	06/29/98	1,3-Dichlorobenzene	1.4	1,500	U	
937EX007(7.5)	06/29/98	1,4-Dichlorobenzene	1.4	10.8	U	
937EX007(7.5)	06/29/98	1,1-Dichloroethane	1.4	1,500	U	
937EX007(7.5)	06/29/98	1,2-Dichloroethane	1.4	0.75	U	
937EX007(7.5)	06/29/98	1,1-Dichloroethene	1.4	0.111	U	
937EX007(7.5)	06/29/98	1,2-Dichloropropane	1.4	0.93	U	
937EX007(7.5)	06/29/98	1,3-Dichloropropene	2.8	0.75	U	
937EX007(7.5)	06/29/98	2-Hexanone	2.7	NA ^f	U	
937EX007(7.5)	06/29/98	4-Methyl-2-Pentanone	2.7	2,310	U	
937EX007(7.5)	06/29/98	Styrene	1.4	2,040	U	
937EX007(7.5)	06/29/98	1,1,2,2-Tetrachloroethane	1.4	1.35	U	
937EX007(7.5)	06/29/98	Tetrachloroethene	1.4	15	U	
937EX007(7.5)	06/29/98	1,1,1-Trichloroethane	1.4	3,600	U	
937EX007(7.5)	06/29/98	1,1,2-Trichloroethane	1.4	1.95	U	
937EX007(7.5)	06/29/98	Trichlorofluoromethane	1.4	1,140	U	
937EX007(7.5)	06/29/98	Vinyl Acetate	2.7	2,340	U	
937EX007(7.5)	06/29/98	Gasoline	6300	1,690	J	Exceeds cleanup level
937EX007(7.5)	06/29/98	Diesel	7300	1,950	J	Exceeds cleanup level
937EX007(7.5)	06/29/98	Fuel Oil	21000	2,730		Exceeds cleanup level
937EX007(7.5)	06/29/98	Benzene	1.2	1.0	J	Exceeds cleanup level

Footnotes at end of table.
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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 2 of 62)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX007(7.5)	06/29/98	Toluene	21	14		Exceeds cleanup level
937EX007(7.5)	06/29/98	Ethylbenzene	11	19		
937EX007(7.5)	06/29/98	Xylenes (Total)	66	4,340		
937EX007(7.5)	06/29/98	Total Carcinogenic PAHs ^g	0.86	253		
937EX007(7.5)	06/29/98	Benzo(a)anthracene	0.25	See Total ^h		
937EX007(7.5)	06/29/98	Benzo(a)pyrene	0.07	9.0		
937EX007(7.5)	06/29/98	Benzo(b)fluoranthene	0.15	See Total		
937EX007(7.5)	06/29/98	Benzo(k)fluoranthene	0.11	See Total		
937EX007(7.5)	06/29/98	Chrysene	0.28	See Total		
937EX007(7.0)B ⁱ	08/07/98	Anthracene	0.34	1,120	U	
937EX007(7.0)B	08/07/98	Benzo(g,h,i)perylene	0.34	19,500	U	
937EX007(7.0)B	08/07/98	Fluoranthene	0.34	1,160	U	
937EX007(7.0)B	08/07/98	Fluorene	0.34	220	U	
937EX007(7.0)B	08/07/98	Naphthalene	0.21	140	J	
937EX007(7.0)B	08/07/98	Phenanthrene	0.34	410	U	
937EX007(7.0)B	08/07/98	Pyrene	0.34	910	U	
937EX007(7.0)B	08/07/98	PCBs ^j (Total)	0.239	1.0	UJ	
937EX007(7.0)B	08/07/98	Arochlor 1016	0.034	See Total ^k	UJ	
937EX007(7.0)B	08/07/98	Arochlor 1221	0.069	See Total	U	
937EX007(7.0)B	08/07/98	Arochlor 1232	0.034	See Total	U	
937EX007(7.0)B	08/07/98	Arochlor 1242	0.034	See Total	U	
937EX007(7.0)B	08/07/98	Arochlor 1248	0.034	See Total	U	
937EX007(7.0)B	08/07/98	Arochlor 1254	0.034	See Total	U	
937EX007(7.0)B	08/07/98	Arochlor 1260	0.034	See Total	U	
937EX007(7.0)B	08/07/98	Cadmium	0.31	3.99	UJ	
937EX007(7.0)B	08/07/98	Chromium	40	1,300		
937EX007(7.0)B	08/07/98	Copper	3.7	88		
937EX007(7.0)B	08/07/98	Lead	10	477	UJ	
937EX007(7.0)B	08/07/98	Mercury	0.21	2.79	U	
937EX007(7.0)B	08/07/98	Nickel	47	5,500		
937EX007(7.0)B	08/07/98	Zinc	16	89		
937EX008(7.5)	06/29/98	cis-1,2-Dichloroethene	1.4	467	U	
937EX008(7.5)	06/29/98	trans-1,2-Dichloroethene	1.4	1,027	U	
937EX008(7.5)	06/29/98	Trichloroethene	1.4	1.3	U	e
937EX008(7.5)	06/29/98	Vinyl Chloride	2.8	3.0	U	
937EX008(7.5)	06/29/98	Methylene Chloride	1.5	54		
937EX008(7.5)	06/29/98	Acetone	3.9	6,300	J+	
937EX008(7.5)	06/29/98	Bromodichloromethane	1.4	1.89	U	
937EX008(7.5)	06/29/98	Bromoform	1.4	168	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 3 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX008(7.5)	06/29/98	Bromomethane	2.8	20.4	U	
937EX008(7.5)	06/29/98	2-Butanone	2.8	21,300	U	
937EX008(7.5)	06/29/98	Carbon Disulfide	1.4	22.5	U	
937EX008(7.5)	06/29/98	Carbon Tetrachloride	1.4	0.69	U	
937EX008(7.5)	06/29/98	Chlorobenzene	1.4	195	U	
937EX008(7.5)	06/29/98	Chloroethane	2.8	3,300	U	
937EX008(7.5)	06/29/98	Chloroform	1.4	0.75	U	
937EX008(7.5)	06/29/98	Chloromethane	2.8	3.6	U	
937EX008(7.5)	06/29/98	Dibromochloromethane	1.4	15.9	U	
937EX008(7.5)	06/29/98	1,2-Dichlorobenzene	3.7	2,100		
937EX008(7.5)	06/29/98	1,3-Dichlorobenzene	1.4	1,500	U	
937EX008(7.5)	06/29/98	1,4-Dichlorobenzene	1.4	10.8	U	
937EX008(7.5)	06/29/98	1,1-Dichloroethane	1.4	1,500	U	
937EX008(7.5)	06/29/98	1,2-Dichloroethane	1.4	0.75	U	
937EX008(7.5)	06/29/98	1,1-Dichloroethene	1.4	0.111	U	
937EX008(7.5)	06/29/98	1,2-Dichloropropane	1.4	0.93	U	
937EX008(7.5)	06/29/98	1,3-Dichloropropene	2.8	0.75	U	
937EX008(7.5)	06/29/98	2-Hexanone	2.8	NA	U	
937EX008(7.5)	06/29/98	4-Methyl-2-Pentanone	2.8	2,310	U	
937EX008(7.5)	06/29/98	Styrene	1.4	2,040	U	
937EX008(7.5)	06/29/98	1,1,2,2-Tetrachloroethane	1.4	1.35	U	
937EX008(7.5)	06/29/98	Tetrachloroethene	1.4	15	U	
937EX008(7.5)	06/29/98	1,1,1-Trichloroethane	1.4	3,600	U	
937EX008(7.5)	06/29/98	1,1,2-Trichloroethane	1.4	1.95	U	
937EX008(7.5)	06/29/98	Trichlorofluoromethane	1.4	1,140	U	
937EX008(7.5)	06/29/98	Vinyl Acetate	2.8	2,340	U	
937EX008(7.5)	06/29/98	Gasoline	7600	1,690	J	Exceeds cleanup level
937EX008(7.5)	06/29/98	Diesel	140	1,950	J	
937EX008(7.5)	06/29/98	Fuel Oil	4000	2,730		Exceeds cleanup level
937EX008(7.5)	06/29/98	Benzene	1.1	1.0	J	Exceeds cleanup level
937EX008(7.5)	06/29/98	Toluene	18	14		Exceeds cleanup level
937EX008(7.5)	06/29/98	Ethylbenzene	13	19		
937EX008(7.5)	06/29/98	Xylenes (Total)	73	4,340		
937EX008(7.5)	06/29/98	Total Carcinogenic PAHs	0.15	253		
937EX008(7.5)	06/29/98	Benzo(a)anthracene	0.019	See Total	U	
937EX008(7.5)	06/29/98	Benzo(a)pyrene	0.019	9.0	U	
937EX008(7.5)	06/29/98	Benzo(b)fluoranthene	0.038	See Total	U	
937EX008(7.5)	06/29/98	Benzo(k)fluoranthene	0.019	See Total	U	
937EX008(7.5)	06/29/98	Chrysene	0.055	See Total		

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 4 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX008(7.0)B ¹	08/07/98	Anthracene	2.8	1,120	U	
937EX008(7.0)B	08/07/98	Benzo(g,h,i)perylene	2.8	19,500	U	
937EX008(7.0)B	08/07/98	Fluoranthene	2.8	1,160	U	
937EX008(7.0)B	08/07/98	Fluorene	2.8	220	U	
937EX008(7.0)B	08/07/98	Naphthalene	2.8	140	U	
937EX008(7.0)B	08/07/98	Phenanthrene	2.8	410	U	
937EX008(7.0)B	08/07/98	Pyrene	2.8	910	U	
937EX008(7.0)B	08/07/98	PCBs (Total)	0.281	1.0	UJ	
937EX008(7.0)B	08/07/98	Arochlor 1016	0.035	See Total	U	
937EX008(7.0)B	08/07/98	Arochlor 1221	0.071	See Total	U	
937EX008(7.0)B	08/07/98	Arochlor 1232	0.035	See Total	U	
937EX008(7.0)B	08/07/98	Arochlor 1242	0.035	See Total	U	
937EX008(7.0)B	08/07/98	Arochlor 1248	0.035	See Total	U	
937EX008(7.0)B	08/07/98	Arochlor 1254	0.035	See Total	U	
937EX008(7.0)B	08/07/98	Arochlor 1260	0.035	See Total	UJ	
937EX008(7.0)B	08/07/98	Cadmium	0.32	3.99	UJ	
937EX008(7.0)B	08/07/98	Chromium	0.49	1,300		
937EX008(7.0)B	08/07/98	Copper	4.1	88		
937EX008(7.0)B	08/07/98	Lead	5.6	477	J	
937EX008(7.0)B	08/07/98	Mercury	0.21	2.79	U	
937EX008(7.0)B	08/07/98	Nickel	54	5,500		
937EX008(7.0)B	08/07/98	Zinc	16	89		
937EX009(7.5)	06/26/98	cis-1,2-Dichloroethene	1.5	467	U	
937EX009(7.5)	06/26/98	trans-1,2-Dichloroethene	1.5	1,027	U	
937EX009(7.5)	06/26/98	Trichloroethene	1.5	1.3	U	e
937EX009(7.5)	06/26/98	Vinyl Chloride	3	3.0	U	
937EX009(7.5)	06/26/98	Methylene Chloride	1.5	54	UJ	
937EX009(7.5)	06/26/98	Acetone	3	6,300	U	
937EX009(7.5)	06/26/98	Bromodichloromethane	1.5	1.89	U	
937EX009(7.5)	06/26/98	Bromoform	1.5	168	U	
937EX009(7.5)	06/26/98	Bromomethane	3	20.4	U	
937EX009(7.5)	06/26/98	2-Butanone	3	21,300	U	
937EX009(7.5)	06/26/98	Carbon Disulfide	1.5	22.5	U	
937EX009(7.5)	06/26/98	Carbon Tetrachloride	1.5	0.69	U	
937EX009(7.5)	06/26/98	Chlorobenzene	1.5	195	U	
937EX009(7.5)	06/26/98	Chloroethane	3	3,300	U	
937EX009(7.5)	06/26/98	Chloroform	1.5	0.75	U	
937EX009(7.5)	06/26/98	Chloromethane	3	3.6	U	
937EX009(7.5)	06/26/98	Dibromochloromethane	1.5	15.9	U	

Footnotes at end of table.
L:\CF Closure\TBL937.XLS

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 5 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX009(7.5)	06/26/98	1,2-Dichlorobenzene	1.5	2,100	U	
937EX009(7.5)	06/26/98	1,3-Dichlorobenzene	1.5	1,500	U	
937EX009(7.5)	06/26/98	1,4-Dichlorobenzene	1.5	10.8	U	
937EX009(7.5)	06/26/98	1,1-Dichloroethane	1.5	1,500	U	
937EX009(7.5)	06/26/98	1,2-Dichloroethane	1.5	0.75	U	
937EX009(7.5)	06/26/98	1,1-Dichloroethene	1.5	0.111	U	
937EX009(7.5)	06/26/98	1,2-Dichloropropane	1.5	0.93	U	
937EX009(7.5)	06/26/98	1,3-Dichloropropene	3	0.75	U	
937EX009(7.5)	06/26/98	2-Hexanone	3	NA	U	
937EX009(7.5)	06/26/98	4-Methyl-2-Pentanone	3	2,310	U	
937EX009(7.5)	06/26/98	Styrene	1.5	2,040	U	
937EX009(7.5)	06/26/98	1,1,2,2-Tetrachloroethane	1.5	1.35	U	
937EX009(7.5)	06/26/98	Tetrachloroethene	1.5	15	U	
937EX009(7.5)	06/26/98	1,1,1-Trichloroethane	1.5	3,600	U	
937EX009(7.5)	06/26/98	1,1,2-Trichloroethane	1.5	1.95	U	
937EX009(7.5)	06/26/98	Trichlorofluoromethane	1.5	1,140	U	
937EX009(7.5)	06/26/98	Vinyl Acetate	3	2,340	U	
937EX009(7.5)	06/26/98	Gasoline	2300	1,690		Exceeds cleanup level
937EX009(7.5)	06/26/98	Diesel	620	1,950		
937EX009(7.5)	06/26/98	Fuel Oil	2000	2,730		
937EX009(7.5)	06/26/98	Benzene	1.5	1.0	U	
937EX009(7.5)	06/26/98	Toluene	1.5	14	U	
937EX009(7.5)	06/26/98	Ethylbenzene	1.5	19	U	
937EX009(7.5)	06/26/98	Xylenes (Total)	3	4,340	U	
937EX009(7.5)	06/26/98	Total Carcinogenic PAHs	0.339	253		
937EX009(7.5)	06/26/98	Benzo(a)anthracene	0.053	See Total		
937EX009(7.5)	06/26/98	Benzo(a)pyrene	0.034	9.0		
937EX009(7.5)	06/26/98	Benzo(b)fluoranthene	0.067	See Total		
937EX009(7.5)	06/26/98	Benzo(k)fluoranthene	0.025	See Total		
937EX009(7.5)	06/26/98	Chrysene	0.16	See Total		
937EX009(7.0)B ⁱ	08/07/98	Anthracene	2.8	1,120	U	
937EX009(7.0)B	08/07/98	Benzo(g,h,i)perylene	2.8	19,500	U	
937EX009(7.0)B	08/07/98	Fluoranthene	2.8	1,160	U	
937EX009(7.0)B	08/07/98	Fluorene	2.8	220	U	
937EX009(7.0)B	08/07/98	Naphthalene	2.8	140	U	
937EX009(7.0)B	08/07/98	Phenanthrene	2.8	410	U	
937EX009(7.0)B	08/07/98	Pyrene	2.8	910	U	
937EX009(7.0)B	08/07/98	PCBs (Total)	0.274	1.0	UJ	
937EX009(7.0)B	08/07/98	Arochlor 1016	0.034	See Total	U	

Footnotes at end of table.
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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 6 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX009(7.0)B	08/07/98	Arochlor 1221	0.07	See Total	U	
937EX009(7.0)B	08/07/98	Arochlor 1232	0.034	See Total	U	
937EX009(7.0)B	08/07/98	Arochlor 1242	0.034	See Total	U	
937EX009(7.0)B	08/07/98	Arochlor 1248	0.034	See Total	U	
937EX009(7.0)B	08/07/98	Arochlor 1254	0.034	See Total	U	
937EX009(7.0)B	08/07/98	Arochlor 1260	0.034	See Total	UJ	
937EX009(7.0)B	08/07/98	Cadmium	0.31	3.99	UJ	
937EX009(7.0)B	08/07/98	Chromium	99	1,300		
937EX009(7.0)B	08/07/98	Copper	17	88		
937EX009(7.0)B	08/07/98	Lead	110	477		
937EX009(7.0)B	08/07/98	Mercury	0.21	2.79	U	
937EX009(7.0)B	08/07/98	Nickel	140	5,500		
937EX009(7.0)B	08/07/98	Zinc	79	89		
937EX013(8.0)B ⁱ	01/04/99	cis-1,2-Dichloroethene	1.3	467	U	
937EX013(8.0)B	01/04/99	trans-1,2-Dichloroethene	0.0128	1,027	U	
937EX013(8.0)B	01/04/99	Trichloroethene	0.0064	1.3	U	
937EX013(8.0)B	01/04/99	Vinyl Chloride	0.013	3.0	U	
937EX013(8.0)B	01/04/99	Methylene Chloride	0.032	54	U	
937EX013(8.0)B	01/04/99	Acetone	0.032	6,300	U	
937EX013(8.0)B	01/04/99	Bromodichloromethane	0.0064	1.89	U	
937EX013(8.0)B	01/04/99	Bromoform	0.0064	168	U	
937EX013(8.0)B	01/04/99	Bromomethane	0.013	20.4	U	
937EX013(8.0)B	01/04/99	2-Butanone	0.013	21,300	U	
937EX013(8.0)B	01/04/99	Carbon Disulfide	0.0064	22.5	U	
937EX013(8.0)B	01/04/99	Carbon Tetrachloride	0.0064	0.69	U	
937EX013(8.0)B	01/04/99	Chlorobenzene	0.0055	195	J	
937EX013(8.0)B	01/04/99	Chloroethane	0.013	3,300	U	
937EX013(8.0)B	01/04/99	Chloroform	0.0064	0.75	U	
937EX013(8.0)B	01/04/99	Chloromethane	0.013	3.6	U	
937EX013(8.0)B	01/04/99	Dibromochloromethane	0.0064	15.9	U	
937EX013(8.0)B	01/04/99	1,2-Dichlorobenzene	0.0064	2,100	U	
937EX013(8.0)B	01/04/99	1,3-Dichlorobenzene	0.0064	1,500	U	
937EX013(8.0)B	01/04/99	1,4-Dichlorobenzene	0.0064	10.8	U	
937EX013(8.0)B	01/04/99	1,1-Dichloroethane	0.0064	1,500	U	
937EX013(8.0)B	01/04/99	1,2-Dichloroethane	0.0064	0.75	U	
937EX013(8.0)B	01/04/99	1,1-Dichloroethene	0.0064	0.111	U	
937EX013(8.0)B	01/04/99	1,2-Dichloropropane	0.0064	0.93	U	
937EX013(8.0)B	01/04/99	1,3-Dichloropropene	0.0128	0.75	U	
937EX013(8.0)B	01/04/99	2-Hexanone	0.013	NA	U	

Footnotes at end of table.
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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 7 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX013(8.0)B	01/04/99	4-Methyl-2-Pentanone	0.013	2,310	U	
937EX013(8.0)B	01/04/99	Styrene	0.0064	2,040	U	
937EX013(8.0)B	01/04/99	1,1,2,2-Tetrachloroethane	0.0064	1.35	U	
937EX013(8.0)B	01/04/99	Tetrachloroethene	0.0064	15	U	
937EX013(8.0)B	01/04/99	1,1,1-Trichloroethane	0.0064	3,600	U	
937EX013(8.0)B	01/04/99	1,1,2-Trichloroethane	0.0064	1.95	U	
937EX013(8.0)B	01/04/99	Trichlorofluoromethane	0.0064	1,140	U	
937EX013(8.0)B	01/04/99	Vinyl Acetate	0.013	2,340	U	
937EX013(8.0)B	01/04/99	Gasoline	1.3	1,690	U	
937EX013(8.0)B	01/04/99	Diesel	100	1,950	J	
937EX013(8.0)B	01/04/99	Fuel Oil	310	2,730	J	
937EX013(8.0)B	01/04/99	Benzene	0.0064	1.0	U	
937EX013(8.0)B	01/04/99	Toluene	0.0064	14	U	
937EX013(8.0)B	01/04/99	Ethylbenzene	0.0064	19	U	
937EX013(8.0)B	01/04/99	Xylenes (Total)	0.0128	4,340	U	
937EX013(8.0)B	01/04/99	Total Carcinogenic PAHs	0.0254	253	U	
937EX013(8.0)B	01/04/99	Benzo(a)anthracene	0.0042	See Total	U	
937EX013(8.0)B	01/04/99	Benzo(a)pyrene	0.0042	9.0	U	
937EX013(8.0)B	01/04/99	Benzo(b)fluoranthene	0.0086	See Total	U	
937EX013(8.0)B	01/04/99	Benzo(k)fluoranthene	0.0042	See Total	U	
937EX013(8.0)B	01/04/99	Chrysene	0.0042	See Total	U	
937EX013(8.0)B	01/04/99	Anthracene	0.43	1,120	U	
937EX013(8.0)B	01/04/99	Benzo(g,h,i)perylene	0.0086	19,500	U	
937EX013(8.0)B	01/04/99	Fluoranthene	0.43	1,160	U	
937EX013(8.0)B	01/04/99	Fluorene	0.43	220	U	
937EX013(8.0)B	01/04/99	Naphthalene	0.43	140	U	
937EX013(8.0)B	01/04/99	Phenanthrene	0.43	410	U	
937EX013(8.0)B	01/04/99	Pyrene	0.43	910	U	
937EX013(8.0)B	01/04/99	PCBs (Total)	0.7	1.0	UJ	
937EX013(8.0)B	01/04/99	Arochlor 1016	0.1	See Total	UJ	
937EX013(8.0)B	01/04/99	Arochlor 1221	0.1	See Total	UJ	
937EX013(8.0)B	01/04/99	Arochlor 1232	0.1	See Total	UJ	
937EX013(8.0)B	01/04/99	Arochlor 1242	0.1	See Total	UJ	
937EX013(8.0)B	01/04/99	Arochlor 1248	0.1	See Total	UJ	
937EX013(8.0)B	01/04/99	Arochlor 1254	0.1	See Total	UJ	
937EX013(8.0)B	01/04/99	Arochlor 1260	0.1	See Total	UJ	
937EX013(8.0)B	01/04/99	Cadmium	0.13	3.99	UJ	
937EX013(8.0)B	01/04/99	Chromium	120	1,300		
937EX013(8.0)B	01/04/99	Copper	2.2	88		

Footnotes at end of table.

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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 8 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX013(8.0)B	01/04/99	Lead	1.3	477		
937EX013(8.0)B	01/04/99	Mercury	0.05	2.79	U	
937EX013(8.0)B	01/04/99	Nickel	.46	5,500	J-	
937EX013(8.0)B	01/04/99	Zinc	15	89		
937EX013(8.0)BDUP	01/04/99	cis-1,2-Dichloroethene	0.64	467	U	937DUP010499A ^m
937EX013(8.0)BDUP	01/04/99	trans-1,2-Dichloroethene	0.64	1,027	U	
937EX013(8.0)BDUP	01/04/99	Trichloroethene	0.64	1.3	U	
937EX013(8.0)BDUP	01/04/99	Vinyl Chloride	1.3	3.0	U	
937EX013(8.0)BDUP	01/04/99	Methylene Chloride	3.2	54	U	
937EX013(8.0)BDUP	01/04/99	Acetone	3.2	6,300	U	
937EX013(8.0)BDUP	01/04/99	Bromodichloromethane	0.64	1.89	U	
937EX013(8.0)BDUP	01/04/99	Bromoform	0.64	168	U	
937EX013(8.0)BDUP	01/04/99	Bromomethane	1.3	20.4	U	
937EX013(8.0)BDUP	01/04/99	2-Butanone	1.3	21,300	U	
937EX013(8.0)BDUP	01/04/99	Carbon Disulfide	0.64	22.5	U	
937EX013(8.0)BDUP	01/04/99	Carbon Tetrachloride	0.64	0.69	U	
937EX013(8.0)BDUP	01/04/99	Chlorobenzene	0.64	195	U	
937EX013(8.0)BDUP	01/04/99	Chloroethane	1.3	3,300	U	
937EX013(8.0)BDUP	01/04/99	Chloroform	0.64	0.75	U	
937EX013(8.0)BDUP	01/04/99	Chloromethane	1.3	3.6	U	
937EX013(8.0)BDUP	01/04/99	Dibromochloromethane	0.64	15.9	U	
937EX013(8.0)BDUP	01/04/99	1,2-Dichlorobenzene	0.64	2,100	U	
937EX013(8.0)BDUP	01/04/99	1,3-Dichlorobenzene	0.64	1,500	U	
937EX013(8.0)BDUP	01/04/99	1,4-Dichlorobenzene	0.64	10.8	U	
937EX013(8.0)BDUP	01/04/99	1,1-Dichloroethane	0.64	1,500	U	
937EX013(8.0)BDUP	01/04/99	1,2-Dichloroethane	0.64	0.75	U	
937EX013(8.0)BDUP	01/04/99	1,1-Dichloroethene	0.64	0.111	U	
937EX013(8.0)BDUP	01/04/99	1,2-Dichloropropane	0.64	0.93	U	
937EX013(8.0)BDUP	01/04/99	1,3-Dichloropropene	1.28	0.75	U	
937EX013(8.0)BDUP	01/04/99	2-Hexanone	1.3	NA	U	
937EX013(8.0)BDUP	01/04/99	4-Methyl-2-Pentanone	1.3	2,310	U	
937EX013(8.0)BDUP	01/04/99	Styrene	0.64	2,040	U	
937EX013(8.0)BDUP	01/04/99	1,1,2,2-Tetrachloroethane	0.64	1.35	U	
937EX013(8.0)BDUP	01/04/99	Tetrachloroethene	0.64	15	U	
937EX013(8.0)BDUP	01/04/99	1,1,1-Trichloroethane	0.64	3,600	U	
937EX013(8.0)BDUP	01/04/99	1,1,2-Trichloroethane	0.64	1.95	U	
937EX013(8.0)BDUP	01/04/99	Trichlorofluoromethane	0.64	1,140	U	
937EX013(8.0)BDUP	01/04/99	Vinyl Acetate	1.3	2,340	U	
937EX013(8.0)BDUP	01/04/99	Gasoline	1.3	1,690	U	

Footnotes at end of table.
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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 9 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX013(8.0)BDUP	01/04/99	Diesel	7.9	1,950	J	
937EX013(8.0)BDUP	01/04/99	Fuel Oil	27	2,730	J	
937EX013(8.0)BDUP	01/04/99	Benzene	0.64	1.0	U	
937EX013(8.0)BDUP	01/04/99	Toluene	0.64	14	U	
937EX013(8.0)BDUP	01/04/99	Ethylbenzene	0.64	19	U	
937EX013(8.0)BDUP	01/04/99	Xylenes (Total)	1.28	4,340	U	
937EX013(8.0)BDUP	01/04/99	Total Carcinogenic PAHs	0.0259	253	J	
937EX013(8.0)BDUP	01/04/99	Benzo(a)anthracene	0.0042	See Total	U	
937EX013(8.0)BDUP	01/04/99	Benzo(a)pyrene	0.0042	9.0	U	
937EX013(8.0)BDUP	01/04/99	Benzo(b)fluoranthene	0.0086	See Total	U	
937EX013(8.0)BDUP	01/04/99	Benzo(k)fluoranthene	0.0042	See Total	U	
937EX013(8.0)BDUP	01/04/99	Chrysene	0.0047	See Total	J	
937EX013(8.0)BDUP	01/04/99	Anthracene	0.43	1,120	U	
937EX013(8.0)BDUP	01/04/99	Benzo(g,h,i)perylene	0.0086	19,500	U	
937EX013(8.0)BDUP	01/04/99	Fluoranthene	0.43	1,160	U	
937EX013(8.0)BDUP	01/04/99	Fluorene	0.43	220	U	
937EX013(8.0)BDUP	01/04/99	Naphthalene	0.43	140	U	
937EX013(8.0)BDUP	01/04/99	Phenanthrene	0.43	410	U	
937EX013(8.0)BDUP	01/04/99	Pyrene	0.43	910	U	
937EX013(8.0)BDUP	01/04/99	PCBs (Total)	0.7	1.0	UJ	
937EX013(8.0)BDUP	01/04/99	Arochlor 1016	0.1	See Total	UJ	
937EX013(8.0)BDUP	01/04/99	Arochlor 1221	0.1	See Total	UJ	
937EX013(8.0)BDUP	01/04/99	Arochlor 1232	0.1	See Total	UJ	
937EX013(8.0)BDUP	01/04/99	Arochlor 1242	0.1	See Total	UJ	
937EX013(8.0)BDUP	01/04/99	Arochlor 1248	0.1	See Total	UJ	
937EX013(8.0)BDUP	01/04/99	Arochlor 1254	0.1	See Total	UJ	
937EX013(8.0)BDUP	01/04/99	Arochlor 1260	0.1	See Total	UJ	
937EX013(8.0)BDUP	01/04/99	Cadmium	0.12	3.99	UJ	
937EX013(8.0)BDUP	01/04/99	Chromium	96	1,300		
937EX013(8.0)BDUP	01/04/99	Copper	2.5	88		
937EX013(8.0)BDUP	01/04/99	Lead	1.4	477		
937EX013(8.0)BDUP	01/04/99	Mercury	0.048	2.79	U	
937EX013(8.0)BDUP	01/04/99	Nickel	48	5,500	J-	
937EX013(8.0)BDUP	01/04/99	Zinc	15	89		
937EX019(7.0)	08/06/98	cis-1,2-Dichloroethene	0.0061	467	U	
937EX019(7.0)	08/06/98	trans-1,2-Dichloroethene	0.0061	1,027	U	
937EX019(7.0)	08/06/98	Trichloroethene	0.0061	1.3	U	
937EX019(7.0)	08/06/98	Vinyl Chloride	0.012	3.0	U	
937EX019(7.0)	08/06/98	Methylene Chloride	0.03	54	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 10 of 62)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX019(7.0)	08/06/98	Acetone	0.03	6,300	U	
937EX019(7.0)	08/06/98	Bromodichloromethane	0.0061	1.89	U	
937EX019(7.0)	08/06/98	Bromoform	0.0061	168	U	
937EX019(7.0)	08/06/98	Bromomethane	0.012	20.4	U	
937EX019(7.0)	08/06/98	2-Butanone	0.012	21,300	U	
937EX019(7.0)	08/06/98	Carbon Disulfide	0.0061	22.5	U	
937EX019(7.0)	08/06/98	Carbon Tetrachloride	0.0061	0.69	U	
937EX019(7.0)	08/06/98	Chlorobenzene	0.0061	195	U	
937EX019(7.0)	08/06/98	Chloroethane	0.012	3,300	U	
937EX019(7.0)	08/06/98	Chloroform	0.0061	0.75	U	
937EX019(7.0)	08/06/98	Chloromethane	0.012	3.6	U	
937EX019(7.0)	08/06/98	Dibromochloromethane	0.0061	15.9	U	
937EX019(7.0)	08/06/98	1,2-Dichlorobenzene	0.0061	2,100	U	
937EX019(7.0)	08/06/98	1,3-Dichlorobenzene	0.0061	1,500	U	
937EX019(7.0)	08/06/98	1,4-Dichlorobenzene	0.0061	10.8	U	
937EX019(7.0)	08/06/98	1,1-Dichloroethane	0.0061	1,500	U	
937EX019(7.0)	08/06/98	1,2-Dichloroethane	0.0061	0.75	U	
937EX019(7.0)	08/06/98	1,1-Dichloroethene	0.0061	0.111	U	
937EX019(7.0)	08/06/98	1,2-Dichloropropane	0.0061	0.93	U	
937EX019(7.0)	08/06/98	1,3-Dichloropropene	0.0122	0.75	U	
937EX019(7.0)	08/06/98	2-Hexanone	0.012	NA	U	
937EX019(7.0)	08/06/98	4-Methyl-2-Pentanone	0.012	2,310	U	
937EX019(7.0)	08/06/98	Styrene	0.0061	2,040	U	
937EX019(7.0)	08/06/98	1,1,2,2-Tetrachloroethane	0.0061	1.35	U	
937EX019(7.0)	08/06/98	Tetrachloroethene	0.0061	15	U	
937EX019(7.0)	08/06/98	1,1,1-Trichloroethane	0.0061	3,600	U	
937EX019(7.0)	08/06/98	1,1,2-Trichloroethane	0.0061	1.95	U	
937EX019(7.0)	08/06/98	Trichlorofluoromethane	0.0061	1,140	U	
937EX019(7.0)	08/06/98	Vinyl Acetate	0.012	2,340	U	
937EX019(7.0)	08/06/98	Gasoline	6.8	1,690	J	
937EX019(7.0)	08/06/98	Diesel	33	1,950		
937EX019(7.0)	08/06/98	Fuel Oil	130	2,730		
937EX019(7.0)	08/06/98	Benzene	0.0061	1.0	U	
937EX019(7.0)	08/06/98	Toluene	0.0061	14	U	
937EX019(7.0)	08/06/98	Ethylbenzene	0.0061	19	U	
937EX019(7.0)	08/06/98	Xylenes (Total)	0.0122	4,340	U	
937EX019(7.0)	08/06/98	Total Carcinogenic PAHs	2	253	U	
937EX019(7.0)	08/06/98	Benzo(a)anthracene	0.4	See Total	U	
937EX019(7.0)	08/06/98	Benzo(a)pyrene	0.4	9.0	U	

Footnotes at end of table.
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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 11 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX019(7.0)	08/06/98	Benzo(b)fluoranthene	0.4	See Total	U	
937EX019(7.0)	08/06/98	Benzo(k)fluoranthene	0.4	See Total	U	
937EX019(7.0)	08/06/98	Chrysene	0.4	See Total	U	
937EX019(7.0)	08/06/98	Anthracene	0.4	1,120	U	
937EX019(7.0)	08/06/98	Benzo(g,h,i)perylene	0.4	19,500	U	
937EX019(7.0)	08/06/98	Fluoranthene	0.4	1,160	U	
937EX019(7.0)	08/06/98	Fluorene	0.4	220	U	
937EX019(7.0)	08/06/98	Naphthalene	0.4	140	U	
937EX019(7.0)	08/06/98	Phenanthrene	0.4	410	U	
937EX019(7.0)	08/06/98	Pyrene	0.4	910	U	
937EX019(7.0)	08/06/98	PCBs (Total)	0.321	1.0	U	
937EX019(7.0)	08/06/98	Arochlor 1016	0.04	See Total	U	
937EX019(7.0)	08/06/98	Arochlor 1221	0.081	See Total	U	
937EX019(7.0)	08/06/98	Arochlor 1232	0.04	See Total	U	
937EX019(7.0)	08/06/98	Arochlor 1242	0.04	See Total	U	
937EX019(7.0)	08/06/98	Arochlor 1248	0.04	See Total	U	
937EX019(7.0)	08/06/98	Arochlor 1254	0.04	See Total	U	
937EX019(7.0)	08/06/98	Arochlor 1260	0.04	See Total	U	
937EX019(7.0)	08/06/98	Cadmium	0.36	3.99	U	
937EX019(7.0)	08/06/98	Chromium	110	1,300	J	
937EX019(7.0)	08/06/98	Copper	7.4	88		
937EX019(7.0)	08/06/98	Lead	15	477	J	
937EX019(7.0)	08/06/98	Mercury	0.24	2.79	U	
937EX019(7.0)	08/06/98	Nickel	82	5,500		
937EX019(7.0)	08/06/98	Zinc	26	89		
937EX020(7.0)	08/06/98	cis-1,2-Dichloroethene	0.0053	467	U	
937EX020(7.0)	08/06/98	trans-1,2-Dichloroethene	0.0053	1,027	U	
937EX020(7.0)	08/06/98	Trichloroethene	0.0053	1.3	U	
937EX020(7.0)	08/06/98	Vinyl Chloride	0.011	3.0	U	
937EX020(7.0)	08/06/98	Methylene Chloride	0.027	54	U	
937EX020(7.0)	08/06/98	Acetone	0.027	6,300	U	
937EX020(7.0)	08/06/98	Bromodichloromethane	0.0053	1.89	U	
937EX020(7.0)	08/06/98	Bromoform	0.0053	168	U	
937EX020(7.0)	08/06/98	Bromomethane	0.011	20.4	U	
937EX020(7.0)	08/06/98	2-Butanone	0.011	21,300	U	
937EX020(7.0)	08/06/98	Carbon Disulfide	0.0053	22.5	U	
937EX020(7.0)	08/06/98	Carbon Tetrachloride	0.0053	0.69	U	
937EX020(7.0)	08/06/98	Chlorobenzene	0.0053	195	U	
937EX020(7.0)	08/06/98	Chloroethane	0.011	3,300	U	

Footnotes at end of table.

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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 12 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX020(7.0)	08/06/98	Chloroform	0.0053	0.75	U	
937EX020(7.0)	08/06/98	Chloromethane	0.011	3.6	U	
937EX020(7.0)	08/06/98	Dibromochloromethane	0.0053	15.9	U	
937EX020(7.0)	08/06/98	1,2-Dichlorobenzene	0.0053	2,100	U	
937EX020(7.0)	08/06/98	1,3-Dichlorobenzene	0.0053	1,500	U	
937EX020(7.0)	08/06/98	1,4-Dichlorobenzene	0.0053	10.8	U	
937EX020(7.0)	08/06/98	1,1-Dichloroethane	0.0053	1,500	U	
937EX020(7.0)	08/06/98	1,2-Dichloroethane	0.0053	0.75	U	
937EX020(7.0)	08/06/98	1,1-Dichloroethene	0.0053	0.111	U	
937EX020(7.0)	08/06/98	1,2-Dichloropropane	0.0053	0.93	U	
937EX020(7.0)	08/06/98	1,3-Dichloropropene	0.0106	0.75	U	
937EX020(7.0)	08/06/98	2-Hexanone	0.011	NA	U	
937EX020(7.0)	08/06/98	4-Methyl-2-Pentanone	0.011	2,310	U	
937EX020(7.0)	08/06/98	Styrene	0.0053	2,040	U	
937EX020(7.0)	08/06/98	1,1,2,2-Tetrachloroethane	0.0053	1.35	U	
937EX020(7.0)	08/06/98	Tetrachloroethene	0.0053	15	U	
937EX020(7.0)	08/06/98	1,1,1-Trichloroethane	0.0053	3,600	U	
937EX020(7.0)	08/06/98	1,1,2-Trichloroethane	0.0053	1.95	U	
937EX020(7.0)	08/06/98	Trichlorofluoromethane	0.0053	1,140	U	
937EX020(7.0)	08/06/98	Vinyl Acetate	0.011	2,340	U	
937EX020(7.0)	08/06/98	Gasoline	1.1	1,690	U	
937EX020(7.0)	08/06/98	Diesel	1	1,950	U	
937EX020(7.0)	08/06/98	Fuel Oil	5	2,730	U	
937EX020(7.0)	08/06/98	Benzene	0.0053	1.0	U	
937EX020(7.0)	08/06/98	Toluene	0.0053	14	U	
937EX020(7.0)	08/06/98	Ethylbenzene	0.0053	19	U	
937EX020(7.0)	08/06/98	Xylenes (Total)	0.0106	4,340	U	
937EX020(7.0)	08/06/98	Total Carcinogenic PAHs	1.85	253	U	
937EX020(7.0)	08/06/98	Benzo(a)anthracene	0.37	See Total	U	
937EX020(7.0)	08/06/98	Benzo(a)pyrene	0.37	9.0	U	
937EX020(7.0)	08/06/98	Benzo(b)fluoranthene	0.37	See Total	U	
937EX020(7.0)	08/06/98	Benzo(k)fluoranthene	0.37	See Total	U	
937EX020(7.0)	08/06/98	Chrysene	0.37	See Total	U	
937EX020(7.0)	08/06/98	Anthracene	0.37	1,120	U	
937EX020(7.0)	08/06/98	Benzo(g,h,i)perylene	0.37	19,500	U	
937EX020(7.0)	08/06/98	Fluoranthene	0.37	1,160	U	
937EX020(7.0)	08/06/98	Fluorene	0.37	220	U	
937EX020(7.0)	08/06/98	Naphthalene	0.37	140	U	
937EX020(7.0)	08/06/98	Phenanthrene	0.37	410	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 13 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX020(7.0)	08/06/98	Pyrene	0.37	910	U	
937EX020(7.0)	08/06/98	PCBs (Total)	0.297	1.0	U	
937EX020(7.0)	08/06/98	Arochlor 1016	0.037	See Total	U	
937EX020(7.0)	08/06/98	Arochlor 1221	0.075	See Total	U	
937EX020(7.0)	08/06/98	Arochlor 1232	0.037	See Total	U	
937EX020(7.0)	08/06/98	Arochlor 1242	0.037	See Total	U	
937EX020(7.0)	08/06/98	Arochlor 1248	0.037	See Total	U	
937EX020(7.0)	08/06/98	Arochlor 1254	0.037	See Total	U	
937EX020(7.0)	08/06/98	Arochlor 1260	0.037	See Total	U	
937EX020(7.0)	08/06/98	Cadmium	0.34	3.99	U	
937EX020(7.0)	08/06/98	Chromium	77	1,300	J	
937EX020(7.0)	08/06/98	Copper	4	88		
937EX020(7.0)	08/06/98	Lead	11	477	UJ	
937EX020(7.0)	08/06/98	Mercury	0.22	2.79	U	
937EX020(7.0)	08/06/98	Nickel	52	5,500		
937EX020(7.0)	08/06/98	Zinc	17	89		
937EX020(7.0)DUP	08/06/98	cis-1,2-Dichloroethene	0.0056	467	U	937DUP080698A
937EX020(7.0)DUP	08/06/98	trans-1,2-Dichloroethene	0.0056	1,027	U	
937EX020(7.0)DUP	08/06/98	Trichloroethene	0.0056	1.3	U	
937EX020(7.0)DUP	08/06/98	Vinyl Chloride	0.011	3.0	U	
937EX020(7.0)DUP	08/06/98	Methylene Chloride	0.028	54	U	
937EX020(7.0)DUP	08/06/98	Acetone	0.028	6,300	U	
937EX020(7.0)DUP	08/06/98	Bromodichloromethane	0.0056	1.89	U	
937EX020(7.0)DUP	08/06/98	Bromoform	0.0056	168	U	
937EX020(7.0)DUP	08/06/98	Bromomethane	0.011	20.4	U	
937EX020(7.0)DUP	08/06/98	2-Butanone	0.011	21,300	U	
937EX020(7.0)DUP	08/06/98	Carbon Disulfide	0.0056	22.5	U	
937EX020(7.0)DUP	08/06/98	Carbon Tetrachloride	0.0056	0.69	U	
937EX020(7.0)DUP	08/06/98	Chlorobenzene	0.0056	195	U	
937EX020(7.0)DUP	08/06/98	Chloroethane	0.011	3,300	U	
937EX020(7.0)DUP	08/06/98	Chloroform	0.0056	0.75	U	
937EX020(7.0)DUP	08/06/98	Chloromethane	0.011	3.6	U	
937EX020(7.0)DUP	08/06/98	Dibromochloromethane	0.0056	15.9	U	
937EX020(7.0)DUP	08/06/98	1,2-Dichlorobenzene	0.0056	2,100	U	
937EX020(7.0)DUP	08/06/98	1,3-Dichlorobenzene	0.0056	1,500	U	
937EX020(7.0)DUP	08/06/98	1,4-Dichlorobenzene	0.0056	10.8	U	
937EX020(7.0)DUP	08/06/98	1,1-Dichloroethane	0.0056	1,500	U	
937EX020(7.0)DUP	08/06/98	1,2-Dichloroethane	0.0056	0.75	U	
937EX020(7.0)DUP	08/06/98	1,1-Dichloroethene	0.0056	0.111	U	

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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 14 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX020(7.0)DUP	08/06/98	1,2-Dichloropropane	0.0056	0.93	U	
937EX020(7.0)DUP	08/06/98	1,3-Dichloropropene	0.0112	0.75	U	
937EX020(7.0)DUP	08/06/98	2-Hexanone	0.011	NA	U	
937EX020(7.0)DUP	08/06/98	4-Methyl-2-Pentanone	0.011	2,310	U	
937EX020(7.0)DUP	08/06/98	Styrene	0.0056	2,040	U	
937EX020(7.0)DUP	08/06/98	1,1,2,2-Tetrachloroethane	0.0056	1.35	U	
937EX020(7.0)DUP	08/06/98	Tetrachloroethene	0.0056	15	U	
937EX020(7.0)DUP	08/06/98	1,1,1-Trichloroethane	0.0056	3,600	U	
937EX020(7.0)DUP	08/06/98	1,1,2-Trichloroethane	0.0056	1.95	U	
937EX020(7.0)DUP	08/06/98	Trichlorofluoromethane	0.0056	1,140	U	
937EX020(7.0)DUP	08/06/98	Vinyl Acetate	0.011	2,340	U	
937EX020(7.0)DUP	08/06/98	Gasoline	1.1	1,690	U	
937EX020(7.0)DUP	08/06/98	Diesel	1	1,950	U	
937EX020(7.0)DUP	08/06/98	Fuel Oil	5	2,730	U	
937EX020(7.0)DUP	08/06/98	Benzene	0.0056	1.0	U	
937EX020(7.0)DUP	08/06/98	Toluene	0.0056	14	U	
937EX020(7.0)DUP	08/06/98	Ethylbenzene	0.0056	19	U	
937EX020(7.0)DUP	08/06/98	Xylenes (Total)	0.0112	4,340	U	
937EX020(7.0)DUP	08/06/98	Total Carcinogenic PAHs	2	253	U	
937EX020(7.0)DUP	08/06/98	Benzo(a)anthracene	0.4	See Total	U	
937EX020(7.0)DUP	08/06/98	Benzo(a)pyrene	0.4	9.0	U	
937EX020(7.0)DUP	08/06/98	Benzo(b)fluoranthene	0.4	See Total	U	
937EX020(7.0)DUP	08/06/98	Benzo(k)fluoranthene	0.4	See Total	U	
937EX020(7.0)DUP	08/06/98	Chrysene	0.4	See Total	U	
937EX020(7.0)DUP	08/06/98	Anthracene	0.4	1,120	U	
937EX020(7.0)DUP	08/06/98	Benzo(g,h,i)perylene	0.4	19,500	U	
937EX020(7.0)DUP	08/06/98	Fluoranthene	0.4	1,160	U	
937EX020(7.0)DUP	08/06/98	Fluorene	0.4	220	U	
937EX020(7.0)DUP	08/06/98	Naphthalene	0.4	140	U	
937EX020(7.0)DUP	08/06/98	Phenanthrene	0.4	410	U	
937EX020(7.0)DUP	08/06/98	Pyrene	0.4	910	U	
937EX020(7.0)DUP	08/06/98	PCBs (Total)	0.32	1.0	U	
937EX020(7.0)DUP	08/06/98	Arochlor 1016	0.04	See Total	U	
937EX020(7.0)DUP	08/06/98	Arochlor 1221	0.08	See Total	U	
937EX020(7.0)DUP	08/06/98	Arochlor 1232	0.04	See Total	U	
937EX020(7.0)DUP	08/06/98	Arochlor 1242	0.04	See Total	U	
937EX020(7.0)DUP	08/06/98	Arochlor 1248	0.04	See Total	U	
937EX020(7.0)DUP	08/06/98	Arochlor 1254	0.04	See Total	U	
937EX020(7.0)DUP	08/06/98	Arochlor 1260	0.04	See Total	U	

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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 15 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX020(7.0)DUP	08/06/98	Cadmium	0.36	3.99	U	
937EX020(7.0)DUP	08/06/98	Chromium	84	1,300	J	
937EX020(7.0)DUP	08/06/98	Copper	4	88		
937EX020(7.0)DUP	08/06/98	Lead	12	477	J	
937EX020(7.0)DUP	08/06/98	Mercury	0.24	2.79	U	
937EX020(7.0)DUP	08/06/98	Nickel	31	5,500		
937EX020(7.0)DUP	08/06/98	Zinc	18	89		
937EX025(5.5)	12/09/98	cis-1,2-Dichloroethene	0.0062	467	U	
937EX025(5.5)	12/09/98	trans-1,2-Dichloroethene	0.0062	1,027	U	
937EX025(5.5)	12/09/98	Trichloroethene	0.0062	1.3	U	
937EX025(5.5)	12/09/98	Vinyl Chloride	0.012	3.0	U	
937EX025(5.5)	12/09/98	Methylene Chloride	0.0062	54	UJ	
937EX025(5.5)	12/09/98	Acetone	0.025	6,300	UJ	
937EX025(5.5)	12/09/98	Bromodichloromethane	0.0062	1.89	U	
937EX025(5.5)	12/09/98	Bromoform	0.0062	168	U	
937EX025(5.5)	12/09/98	Bromomethane	0.012	20.4	U	
937EX025(5.5)	12/09/98	2-Butanone	0.025	21,300	U	
937EX025(5.5)	12/09/98	Carbon Disulfide	0.0062	22.5	U	
937EX025(5.5)	12/09/98	Carbon Tetrachloride	0.0062	0.69	U	
937EX025(5.5)	12/09/98	Chlorobenzene	0.0053	195	UJ	
937EX025(5.5)	12/09/98	Chloroethane	0.012	3,300	U	
937EX025(5.5)	12/09/98	Chloroform	0.0062	0.75	U	
937EX025(5.5)	12/09/98	Chloromethane	0.012	3.6	U	
937EX025(5.5)	12/09/98	Dibromochloromethane	0.0062	15.9	U	
937EX025(5.5)	12/09/98	1,2-Dichlorobenzene	0.0062	2,100	U	
937EX025(5.5)	12/09/98	1,3-Dichlorobenzene	0.0062	1,500	U	
937EX025(5.5)	12/09/98	1,4-Dichlorobenzene	0.0062	10.8	U	
937EX025(5.5)	12/09/98	1,1-Dichloroethane	0.0062	1,500	U	
937EX025(5.5)	12/09/98	1,2-Dichloroethane	0.0062	0.75	U	
937EX025(5.5)	12/09/98	1,1-Dichloroethene	0.0062	0.111	U	
937EX025(5.5)	12/09/98	1,2-Dichloropropane	0.0062	0.93	U	
937EX025(5.5)	12/09/98	1,3-Dichloropropene	0.0124	0.75	U	
937EX025(5.5)	12/09/98	2-Hexanone	0.025	NA	U	
937EX025(5.5)	12/09/98	4-Methyl-2-Pentanone	0.025	2,310	U	
937EX025(5.5)	12/09/98	Styrene	0.0062	2,040	U	
937EX025(5.5)	12/09/98	1,1,2,2-Tetrachloroethane	0.0062	1.35	U	
937EX025(5.5)	12/09/98	Tetrachloroethene	0.0062	15	U	
937EX025(5.5)	12/09/98	1,1,1-Trichloroethane	0.0062	3,600	U	
937EX025(5.5)	12/09/98	1,1,2-Trichloroethane	0.0062	1.95	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 16 of 62)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX025(5.5)	12/09/98	Trichlorofluoromethane	0.012	1,140	U	
937EX025(5.5)	12/09/98	Vinyl Acetate	0.012	2,340	U	
937EX025(5.5)	12/09/98	Gasoline	1.2	1,690	U	
937EX025(5.5)	12/09/98	Diesel	23	1,950		
937EX025(5.5)	12/09/98	Fuel Oil	77	2,730		
937EX025(5.5)	12/09/98	Benzene	0.0062	1.0	U	
937EX025(5.5)	12/09/98	Toluene	0.0062	14	U	
937EX025(5.5)	12/09/98	Ethylbenzene	0.0062	19	U	
937EX025(5.5)	12/09/98	Xylenes (Total)	0.0062	4,340	U	
937EX025(5.5)	12/09/98	Total Carcinogenic PAHs	2.05	253	U	
937EX025(5.5)	12/09/98	Benzo(a)anthracene	0.41	See Total	U	
937EX025(5.5)	12/09/98	Benzo(a)pyrene	0.41	9.0	U	
937EX025(5.5)	12/09/98	Benzo(b)fluoranthene	0.41	See Total	U	
937EX025(5.5)	12/09/98	Benzo(k)fluoranthene	0.41	See Total	U	
937EX025(5.5)	12/09/98	Chrysene	0.41	See Total	U	
937EX025(5.5)	12/09/98	Anthracene	0.41	1,120	U	
937EX025(5.5)	12/09/98	Benzo(g,h,i)perylene	0.41	19,500	U	
937EX025(5.5)	12/09/98	Fluoranthene	0.41	1,160	U	
937EX025(5.5)	12/09/98	Fluorene	0.41	220	U	
937EX025(5.5)	12/09/98	Naphthalene	0.41	140	U	
937EX025(5.5)	12/09/98	Phenanthrene	0.41	410	U	
937EX025(5.5)	12/09/98	Pyrene	0.41	910	U	
937EX025(5.5)	12/09/98	PCBs (Total)	0.328	1.0	U	
937EX025(5.5)	12/09/98	Arochlor 1016	0.041	See Total	U	
937EX025(5.5)	12/09/98	Arochlor 1221	0.082	See Total	U	
937EX025(5.5)	12/09/98	Arochlor 1232	0.041	See Total	U	
937EX025(5.5)	12/09/98	Arochlor 1242	0.041	See Total	U	
937EX025(5.5)	12/09/98	Arochlor 1248	0.041	See Total	U	
937EX025(5.5)	12/09/98	Arochlor 1254	0.041	See Total	U	
937EX025(5.5)	12/09/98	Arochlor 1260	0.041	See Total	U	
937EX025(5.5)	12/09/98	Cadmium	0.37	3.99	U	
937EX025(5.5)	12/09/98	Chromium	130	1,300		
937EX025(5.5)	12/09/98	Copper	19	88		
937EX025(5.5)	12/09/98	Lead	13	477		
937EX025(5.5)	12/09/98	Mercury	0.25	2.79	U	
937EX025(5.5)	12/09/98	Nickel	140	5,500	J	
937EX025(5.5)	12/09/98	Zinc	37	89		
937EX026(5.5)	12/10/98	cis-1,2-Dichloroethene	0.0059	467	U	
937EX026(5.5)	12/10/98	trans-1,2-Dichloroethene	0.0059	1,027	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 17 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX026(5.5)	12/10/98	Trichloroethene	0.0059	1.3	U	
937EX026(5.5)	12/10/98	Vinyl Chloride	0.012	3.0	U	
937EX026(5.5)	12/10/98	Methylene Chloride	0.0059	54	U	
937EX026(5.5)	12/10/98	Acetone	0.023	6,300	UJ	
937EX026(5.5)	12/10/98	Bromodichloromethane	0.0059	1.89	U	
937EX026(5.5)	12/10/98	Bromoform	0.0059	168	U	
937EX026(5.5)	12/10/98	Bromomethane	0.012	20.4	U	
937EX026(5.5)	12/10/98	2-Butanone	0.023	21,300	U	
937EX026(5.5)	12/10/98	Carbon Disulfide	0.0059	22.5	U	
937EX026(5.5)	12/10/98	Carbon Tetrachloride	0.0059	0.69	U	
937EX026(5.5)	12/10/98	Chlorobenzene	0.0059	195	U	
937EX026(5.5)	12/10/98	Chloroethane	0.012	3,300	U	
937EX026(5.5)	12/10/98	Chloroform	0.0059	0.75	U	
937EX026(5.5)	12/10/98	Chloromethane	0.012	3.6	U	
937EX026(5.5)	12/10/98	Dibromochloromethane	0.0059	15.9	U	
937EX026(5.5)	12/10/98	1,2-Dichlorobenzene	0.0059	2,100	U	
937EX026(5.5)	12/10/98	1,3-Dichlorobenzene	0.0059	1,500	U	
937EX026(5.5)	12/10/98	1,4-Dichlorobenzene	0.0059	10.8	U	
937EX026(5.5)	12/10/98	1,1-Dichloroethane	0.0059	1,500	U	
937EX026(5.5)	12/10/98	1,2-Dichloroethane	0.0059	0.75	U	
937EX026(5.5)	12/10/98	1,1-Dichloroethene	0.0059	0.111	U	
937EX026(5.5)	12/10/98	1,2-Dichloropropane	0.0059	0.93	U	
937EX026(5.5)	12/10/98	1,3-Dichloropropene	0.0118	0.75	U	
937EX026(5.5)	12/10/98	2-Hexanone	0.023	NA	U	
937EX026(5.5)	12/10/98	4-Methyl-2-Pentanone	0.023	2,310	U	
937EX026(5.5)	12/10/98	Styrene	0.0059	2,040	U	
937EX026(5.5)	12/10/98	1,1,2,2-Tetrachloroethane	0.0059	1.35	U	
937EX026(5.5)	12/10/98	Tetrachloroethene	0.0059	15	U	
937EX026(5.5)	12/10/98	1,1,1-Trichloroethane	0.0059	3,600	U	
937EX026(5.5)	12/10/98	1,1,2-Trichloroethane	0.0059	1.95	U	
937EX026(5.5)	12/10/98	Trichlorofluoromethane	0.012	1,140	U	
937EX026(5.5)	12/10/98	Vinyl Acetate	0.012	2,340	U	
937EX026(5.5)	12/10/98	Gasoline	1.2	1,690	U	
937EX026(5.5)	12/10/98	Diesel	12	1,950	U	
937EX026(5.5)	12/10/98	Fuel Oil	30	2,730	U	
937EX026(5.5)	12/10/98	Benzene	0.0059	1.0	U	
937EX026(5.5)	12/10/98	Toluene	0.0059	14	U	
937EX026(5.5)	12/10/98	Ethylbenzene	0.0059	19	U	
937EX026(5.5)	12/10/98	Xylenes (Total)	0.0059	4,340	U	

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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 18 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX026(5.5)	12/10/98	Total Carcinogenic PAHs	1.95	253	U	
937EX026(5.5)	12/10/98	Benzo(a)anthracene	0.39	See Total	U	
937EX026(5.5)	12/10/98	Benzo(a)pyrene	0.39	9.0	U	
937EX026(5.5)	12/10/98	Benzo(b)fluoranthene	0.39	See Total	U	
937EX026(5.5)	12/10/98	Benzo(k)fluoranthene	0.39	See Total	U	
937EX026(5.5)	12/10/98	Chrysene	0.39	See Total	U	
937EX026(5.5)	12/10/98	Anthracene	0.39	1,120	U	
937EX026(5.5)	12/10/98	Benzo(g,h,i)perylene	0.39	19,500	U	
937EX026(5.5)	12/10/98	Fluoranthene	0.39	1,160	U	
937EX026(5.5)	12/10/98	Fluorene	0.39	220	U	
937EX026(5.5)	12/10/98	Naphthalene	0.39	140	U	
937EX026(5.5)	12/10/98	Phenanthrene	0.39	410	U	
937EX026(5.5)	12/10/98	Pyrene	0.39	910	U	
937EX026(5.5)	12/10/98	PCBs (Total)	0.313	1.0	U	
937EX026(5.5)	12/10/98	Arochlor 1016	0.039	See Total	U	
937EX026(5.5)	12/10/98	Arochlor 1221	0.079	See Total	U	
937EX026(5.5)	12/10/98	Arochlor 1232	0.039	See Total	U	
937EX026(5.5)	12/10/98	Arochlor 1242	0.039	See Total	U	
937EX026(5.5)	12/10/98	Arochlor 1248	0.039	See Total	U	
937EX026(5.5)	12/10/98	Arochlor 1254	0.039	See Total	U	
937EX026(5.5)	12/10/98	Arochlor 1260	0.039	See Total	U	
937EX026(5.5)	12/10/98	Cadmium	0.35	3.99	U	
937EX026(5.5)	12/10/98	Chromium	94	1,300		
937EX026(5.5)	12/10/98	Copper	4.2	88		
937EX026(5.5)	12/10/98	Lead	12	477	U	
937EX026(5.5)	12/10/98	Mercury	0.23	2.79	U	
937EX026(5.5)	12/10/98	Nickel	25	5,500		
937EX026(5.5)	12/10/98	Zinc	16	89		
937EX027(5.5)	12/09/98	cis-1,2-Dichloroethene	0.0066	467	U	
937EX027(5.5)	12/09/98	trans-1,2-Dichloroethene	0.0066	1,027	U	
937EX027(5.5)	12/09/98	Trichloroethene	0.0066	1.3	U	
937EX027(5.5)	12/09/98	Vinyl Chloride	0.013	3.0	U	
937EX027(5.5)	12/09/98	Methylene Chloride	0.0066	54	UJ	
937EX027(5.5)	12/09/98	Acetone	0.027	6,300	UJ	
937EX027(5.5)	12/09/98	Bromodichloromethane	0.0066	1.89	U	
937EX027(5.5)	12/09/98	Bromoform	0.0066	168	U	
937EX027(5.5)	12/09/98	Bromomethane	0.013	20.4	U	
937EX027(5.5)	12/09/98	2-Butanone	0.027	21,300	U	
937EX027(5.5)	12/09/98	Carbon Disulfide	0.0066	22.5	U	

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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 19 of 62)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX027(5.5)	12/09/98	Carbon Tetrachloride	0.0066	0.69	U	
937EX027(5.5)	12/09/98	Chlorobenzene	0.0066	195	U	
937EX027(5.5)	12/09/98	Chloroethane	0.013	3,300	U	
937EX027(5.5)	12/09/98	Chloroform	0.0066	0.75	U	
937EX027(5.5)	12/09/98	Chloromethane	0.013	3.6	U	
937EX027(5.5)	12/09/98	Dibromochloromethane	0.0066	15.9	U	
937EX027(5.5)	12/09/98	1,2-Dichlorobenzene	0.0066	2,100	U	
937EX027(5.5)	12/09/98	1,3-Dichlorobenzene	0.0066	1,500	U	
937EX027(5.5)	12/09/98	1,4-Dichlorobenzene	0.0066	10.8	U	
937EX027(5.5)	12/09/98	1,1-Dichloroethane	0.0066	1,500	U	
937EX027(5.5)	12/09/98	1,2-Dichloroethane	0.0066	0.75	U	
937EX027(5.5)	12/09/98	1,1-Dichloroethene	0.0066	0.111	U	
937EX027(5.5)	12/09/98	1,2-Dichloropropane	0.0066	0.93	U	
937EX027(5.5)	12/09/98	1,3-Dichloropropene	0.0132	0.75	U	
937EX027(5.5)	12/09/98	2-Hexanone	0.027	NA	U	
937EX027(5.5)	12/09/98	4-Methyl-2-Pentanone	0.027	2,310	U	
937EX027(5.5)	12/09/98	Styrene	0.0066	2,040	U	
937EX027(5.5)	12/09/98	1,1,2,2-Tetrachloroethane	0.0066	1.35	U	
937EX027(5.5)	12/09/98	Tetrachloroethene	0.0066	15	U	
937EX027(5.5)	12/09/98	1,1,1-Trichloroethane	0.0066	3,600	U	
937EX027(5.5)	12/09/98	1,1,2-Trichloroethane	0.0066	1.95	U	
937EX027(5.5)	12/09/98	Trichlorofluoromethane	0.013	1,140	U	
937EX027(5.5)	12/09/98	Vinyl Acetate	0.013	2,340	U	
937EX027(5.5)	12/09/98	Gasoline	1.3	1,690	U	
937EX027(5.5)	12/09/98	Diesel	13	1,950	U	
937EX027(5.5)	12/09/98	Fuel Oil	66	2,730	U	
937EX027(5.5)	12/09/98	Benzene	0.0066	1.0	U	
937EX027(5.5)	12/09/98	Toluene	0.0066	14	U	
937EX027(5.5)	12/09/98	Ethylbenzene	0.0066	19	U	
937EX027(5.5)	12/09/98	Xylenes (Total)	0.0066	4,340	U	
937EX027(5.5)	12/09/98	Total Carcinogenic PAHs	2.2	253	U	
937EX027(5.5)	12/09/98	Benzo(a)anthracene	0.44	See Total	U	
937EX027(5.5)	12/09/98	Benzo(a)pyrene	0.44	9.0	U	
937EX027(5.5)	12/09/98	Benzo(b)fluoranthene	0.44	See Total	U	
937EX027(5.5)	12/09/98	Benzo(k)fluoranthene	0.44	See Total	U	
937EX027(5.5)	12/09/98	Chrysene	0.44	See Total	U	
937EX027(5.5)	12/09/98	Anthracene	0.44	1,120	U	
937EX027(5.5)	12/09/98	Benzo(g,h,i)perylene	0.44	19,500	U	
937EX027(5.5)	12/09/98	Fluoranthene	0.44	1,160	U	

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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 20 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX027(5.5)	12/09/98	Fluorene	0.44	220	U	
937EX027(5.5)	12/09/98	Naphthalene	0.44	140	U	
937EX027(5.5)	12/09/98	Phenanthrene	0.44	410	U	
937EX027(5.5)	12/09/98	Pyrene	0.44	910	U	
937EX027(5.5)	12/09/98	PCBs (Total)	0.353	1.0	U	
937EX027(5.5)	12/09/98	Arochlor 1016	0.044	See Total	U	
937EX027(5.5)	12/09/98	Arochlor 1221	0.089	See Total	U	
937EX027(5.5)	12/09/98	Arochlor 1232	0.044	See Total	U	
937EX027(5.5)	12/09/98	Arochlor 1242	0.044	See Total	U	
937EX027(5.5)	12/09/98	Arochlor 1248	0.044	See Total	U	
937EX027(5.5)	12/09/98	Arochlor 1254	0.044	See Total	U	
937EX027(5.5)	12/09/98	Arochlor 1260	0.044	See Total	U	
937EX027(5.5)	12/09/98	Cadmium	0.4	3.99	U	
937EX027(5.5)	12/09/98	Chromium	200	1,300		
937EX027(5.5)	12/09/98	Copper	31	88		
937EX027(5.5)	12/09/98	Lead	21	477		
937EX027(5.5)	12/09/98	Mercury	0.27	2.79	U	
937EX027(5.5)	12/09/98	Nickel	210	5,500	J	
937EX027(5.5)	12/09/98	Zinc	69	89		
937EX028(5.5)	12/09/98	cis-1,2-Dichloroethene	0.007	467	U	
937EX028(5.5)	12/09/98	trans-1,2-Dichloroethene	0.007	1,027	U	
937EX028(5.5)	12/09/98	Trichloroethene	0.007	1.3	U	
937EX028(5.5)	12/09/98	Vinyl Chloride	0.014	3.0	U	
937EX028(5.5)	12/09/98	Methylene Chloride	0.007	54	UJ	
937EX028(5.5)	12/09/98	Acetone	0.028	6,300	UJ	
937EX028(5.5)	12/09/98	Bromodichloromethane	0.007	1.89	U	
937EX028(5.5)	12/09/98	Bromoform	0.007	168	U	
937EX028(5.5)	12/09/98	Bromomethane	0.014	20.4	U	
937EX028(5.5)	12/09/98	2-Butanone	0.028	21,300	U	
937EX028(5.5)	12/09/98	Carbon Disulfide	0.007	22.5	U	
937EX028(5.5)	12/09/98	Carbon Tetrachloride	0.007	0.69	U	
937EX028(5.5)	12/09/98	Chlorobenzene	0.007	195	U	
937EX028(5.5)	12/09/98	Chloroethane	0.014	3,300	U	
937EX028(5.5)	12/09/98	Chloroform	0.007	0.75	U	
937EX028(5.5)	12/09/98	Chloromethane	0.014	3.6	U	
937EX028(5.5)	12/09/98	Dibromochloromethane	0.007	15.9	U	
937EX028(5.5)	12/09/98	1,2-Dichlorobenzene	0.007	2,100	U	
937EX028(5.5)	12/09/98	1,3-Dichlorobenzene	0.007	1,500	U	
937EX028(5.5)	12/09/98	1,4-Dichlorobenzene	0.007	10.8	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 21 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX028(5.5)	12/09/98	1,1-Dichloroethane	0.007	1,500	U	
937EX028(5.5)	12/09/98	1,2-Dichloroethane	0.007	0.75	U	
937EX028(5.5)	12/09/98	1,1-Dichloroethene	0.007	0.111	U	
937EX028(5.5)	12/09/98	1,2-Dichloropropane	0.007	0.93	U	
937EX028(5.5)	12/09/98	1,3-Dichloropropene	0.014	0.75	U	
937EX028(5.5)	12/09/98	2-Hexanone	0.028	NA	U	
937EX028(5.5)	12/09/98	4-Methyl-2-Pentanone	0.028	2,310	U	
937EX028(5.5)	12/09/98	Styrene	0.007	2,040	U	
937EX028(5.5)	12/09/98	1,1,2,2-Tetrachloroethane	0.007	1.35	U	
937EX028(5.5)	12/09/98	Tetrachloroethene	0.007	15	U	
937EX028(5.5)	12/09/98	1,1,1-Trichloroethane	0.007	3,600	U	
937EX028(5.5)	12/09/98	1,1,2-Trichloroethane	0.007	1.95	U	
937EX028(5.5)	12/09/98	Trichlorofluoromethane	0.014	1,140	U	
937EX028(5.5)	12/09/98	Vinyl Acetate	0.014	2,340	U	
937EX028(5.5)	12/09/98	Gasoline	1.4	1,690	U	
937EX028(5.5)	12/09/98	Diesel	14	1,950	U	
937EX028(5.5)	12/09/98	Fuel Oil	70	2,730	U	
937EX028(5.5)	12/09/98	Benzene	0.007	1.0	U	
937EX028(5.5)	12/09/98	Toluene	0.007	14	U	
937EX028(5.5)	12/09/98	Ethylbenzene	0.007	19	U	
937EX028(5.5)	12/09/98	Xylenes (Total)	0.007	4,340	U	
937EX028(5.5)	12/09/98	Total Carcinogenic PAHs	2.3	253	U	
937EX028(5.5)	12/09/98	Benzo(a)anthracene	0.46	See Total	U	
937EX028(5.5)	12/09/98	Benzo(a)pyrene	0.46	9.0	U	
937EX028(5.5)	12/09/98	Benzo(b)fluoranthene	0.46	See Total	U	
937EX028(5.5)	12/09/98	Benzo(k)fluoranthene	0.46	See Total	U	
937EX028(5.5)	12/09/98	Chrysene	0.46	See Total	U	
937EX028(5.5)	12/09/98	Anthracene	0.46	1,120	U	
937EX028(5.5)	12/09/98	Benzo(g,h,i)perylene	0.46	19,500	U	
937EX028(5.5)	12/09/98	Fluoranthene	0.46	1,160	U	
937EX028(5.5)	12/09/98	Fluorene	0.46	220	U	
937EX028(5.5)	12/09/98	Naphthalene	0.46	140	U	
937EX028(5.5)	12/09/98	Phenanthrene	0.46	410	U	
937EX028(5.5)	12/09/98	Pyrene	0.46	910	U	
937EX028(5.5)	12/09/98	PCBs (Total)	0.37	1.0	U	
937EX028(5.5)	12/09/98	Arochlor 1016	0.046	See Total	U	
937EX028(5.5)	12/09/98	Arochlor 1221	0.094	See Total	U	
937EX028(5.5)	12/09/98	Arochlor 1232	0.046	See Total	U	
937EX028(5.5)	12/09/98	Arochlor 1242	0.046	See Total	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 22 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX028(5.5)	12/09/98	Arochlor 1248	0.046	See Total	U	
937EX028(5.5)	12/09/98	Arochlor 1254	0.046	See Total	U	
937EX028(5.5)	12/09/98	Arochlor 1260	0.046	See Total	U	
937EX028(5.5)	12/09/98	Cadmium	0.42	3.99	U	
937EX028(5.5)	12/09/98	Chromium	210	1,300		
937EX028(5.5)	12/09/98	Copper	36	88		
937EX028(5.5)	12/09/98	Lead	17	477		
937EX028(5.5)	12/09/98	Mercury	0.28	2.79	U	
937EX028(5.5)	12/09/98	Nickel	220	5,500	J	
937EX028(5.5)	12/09/98	Zinc	76	89		
937EX028(5.5)DUP	12/09/98	cis-1,2-Dichloroethene	0.007	467	U	937DUP120998A
937EX028(5.5)DUP	12/09/98	trans-1,2-Dichloroethene	0.007	1,027	U	
937EX028(5.5)DUP	12/09/98	Trichloroethene	0.007	1.3	U	
937EX028(5.5)DUP	12/09/98	Vinyl Chloride	0.014	3.0	U	
937EX028(5.5)DUP	12/09/98	Methylene Chloride	0.007	54	UJ	
937EX028(5.5)DUP	12/09/98	Acetone	0.028	6,300	UJ	
937EX028(5.5)DUP	12/09/98	Bromodichloromethane	0.007	1.89	U	
937EX028(5.5)DUP	12/09/98	Bromoform	0.007	168	U	
937EX028(5.5)DUP	12/09/98	Bromomethane	0.014	20.4	U	
937EX028(5.5)DUP	12/09/98	2-Butanone	0.028	21,300	U	
937EX028(5.5)DUP	12/09/98	Carbon Disulfide	0.007	22.5	U	
937EX028(5.5)DUP	12/09/98	Carbon Tetrachloride	0.007	0.69	U	
937EX028(5.5)DUP	12/09/98	Chlorobenzene	0.007	195	U	
937EX028(5.5)DUP	12/09/98	Chloroethane	0.014	3,300	U	
937EX028(5.5)DUP	12/09/98	Chloroform	0.007	0.75	U	
937EX028(5.5)DUP	12/09/98	Chloromethane	0.014	3.6	U	
937EX028(5.5)DUP	12/09/98	Dibromochloromethane	0.007	15.9	U	
937EX028(5.5)DUP	12/09/98	1,2-Dichlorobenzene	0.007	2,100	U	
937EX028(5.5)DUP	12/09/98	1,3-Dichlorobenzene	0.007	1,500	U	
937EX028(5.5)DUP	12/09/98	1,4-Dichlorobenzene	0.007	10.8	U	
937EX028(5.5)DUP	12/09/98	1,1-Dichloroethane	0.007	1,500	U	
937EX028(5.5)DUP	12/09/98	1,2-Dichloroethane	0.007	0.75	U	
937EX028(5.5)DUP	12/09/98	1,1-Dichloroethene	0.007	0.111	U	
937EX028(5.5)DUP	12/09/98	1,2-Dichloropropane	0.007	0.93	U	
937EX028(5.5)DUP	12/09/98	1,3-Dichloropropene	0.014	0.75	U	
937EX028(5.5)DUP	12/09/98	2-Hexanone	0.028	NA	U	
937EX028(5.5)DUP	12/09/98	4-Methyl-2-Pentanone	0.028	2,310	U	
937EX028(5.5)DUP	12/09/98	Styrene	0.007	2,040	U	
937EX028(5.5)DUP	12/09/98	1,1,2,2-Tetrachloroethane	0.007	1.35	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 23 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX028(5.5)DUP	12/09/98	Tetrachloroethene	0.007	15	U	
937EX028(5.5)DUP	12/09/98	1,1,1-Trichloroethane	0.007	3,600	U	
937EX028(5.5)DUP	12/09/98	1,1,2-Trichloroethane	0.007	1.95	U	
937EX028(5.5)DUP	12/09/98	Trichlorofluoromethane	0.014	1,140	U	
937EX028(5.5)DUP	12/09/98	Vinyl Acetate	0.014	2,340	U	
937EX028(5.5)DUP	12/09/98	Gasoline	1.4	1,690	U	
937EX028(5.5)DUP	12/09/98	Diesel	14	1,950	U	
937EX028(5.5)DUP	12/09/98	Fuel Oil	70	2,730	U	
937EX028(5.5)DUP	12/09/98	Benzene	0.007	1.0	U	
937EX028(5.5)DUP	12/09/98	Toluene	0.007	14	U	
937EX028(5.5)DUP	12/09/98	Ethylbenzene	0.007	19	U	
937EX028(5.5)DUP	12/09/98	Xylenes (Total)	0.007	4,340	U	
937EX028(5.5)DUP	12/09/98	Total Carcinogenic PAHs	2.3	253	U	
937EX028(5.5)DUP	12/09/98	Benzo(a)anthracene	0.46	See Total	U	
937EX028(5.5)DUP	12/09/98	Benzo(a)pyrene	0.46	9.0	U	
937EX028(5.5)DUP	12/09/98	Benzo(b)fluoranthene	0.46	See Total	U	
937EX028(5.5)DUP	12/09/98	Benzo(k)fluoranthene	0.46	See Total	U	
937EX028(5.5)DUP	12/09/98	Chrysene	0.46	See Total	U	
937EX028(5.5)DUP	12/09/98	Anthracene	0.46	1,120	U	
937EX028(5.5)DUP	12/09/98	Benzo(g,h,i)perylene	0.46	19,500	U	
937EX028(5.5)DUP	12/09/98	Fluoranthene	0.46	1,160	U	
937EX028(5.5)DUP	12/09/98	Fluorene	0.46	220	U	
937EX028(5.5)DUP	12/09/98	Naphthalene	0.46	140	U	
937EX028(5.5)DUP	12/09/98	Phenanthrene	0.46	410	U	
937EX028(5.5)DUP	12/09/98	Pyrene	0.46	910	U	
937EX028(5.5)DUP	12/09/98	PCBs (Total)	0.37	1.0	U	
937EX028(5.5)DUP	12/09/98	Arochlor 1016	0.046	See Total	U	
937EX028(5.5)DUP	12/09/98	Arochlor 1221	0.094	See Total	U	
937EX028(5.5)DUP	12/09/98	Arochlor 1232	0.046	See Total	U	
937EX028(5.5)DUP	12/09/98	Arochlor 1242	0.046	See Total	U	
937EX028(5.5)DUP	12/09/98	Arochlor 1248	0.046	See Total	U	
937EX028(5.5)DUP	12/09/98	Arochlor 1254	0.046	See Total	U	
937EX028(5.5)DUP	12/09/98	Arochlor 1260	0.046	See Total	U	
937EX028(5.5)DUP	12/09/98	Cadmium	0.42	3.99	U	
937EX028(5.5)DUP	12/09/98	Chromium	210	1,300		
937EX028(5.5)DUP	12/09/98	Copper	31	88		
937EX028(5.5)DUP	12/09/98	Lead	17	477		
937EX028(5.5)DUP	12/09/98	Mercury	0.28	2.79	U	
937EX028(5.5)DUP	12/09/98	Nickel	240	5,500	J	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 24 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX028(5.5)DUP	12/09/98	Zinc	76	89		
937EX029(6.0)	12/10/98	cis-1,2-Dichloroethene	0.0063	467	U	
937EX029(6.0)	12/10/98	trans-1,2-Dichloroethene	0.0063	1,027	U	
937EX029(6.0)	12/10/98	Trichloroethene	0.0063	1.3	U	
937EX029(6.0)	12/10/98	Vinyl Chloride	0.013	3.0	U	
937EX029(6.0)	12/10/98	Methylene Chloride	0.0063	54	U	
937EX029(6.0)	12/10/98	Acetone	0.025	6,300	UJ	
937EX029(6.0)	12/10/98	Bromodichloromethane	0.0063	1.89	U	
937EX029(6.0)	12/10/98	Bromoform	0.0063	168	U	
937EX029(6.0)	12/10/98	Bromomethane	0.013	20.4	U	
937EX029(6.0)	12/10/98	2-Butanone	0.025	21,300	U	
937EX029(6.0)	12/10/98	Carbon Disulfide	0.0063	22.5	U	
937EX029(6.0)	12/10/98	Carbon Tetrachloride	0.0063	0.69	U	
937EX029(6.0)	12/10/98	Chlorobenzene	0.0063	195	U	
937EX029(6.0)	12/10/98	Chloroethane	0.013	3,300	U	
937EX029(6.0)	12/10/98	Chloroform	0.0063	0.75	U	
937EX029(6.0)	12/10/98	Chloromethane	0.013	3.6	U	
937EX029(6.0)	12/10/98	Dibromochloromethane	0.0063	15.9	U	
937EX029(6.0)	12/10/98	1,2-Dichlorobenzene	0.0063	2,100	U	
937EX029(6.0)	12/10/98	1,3-Dichlorobenzene	0.0063	1,500	U	
937EX029(6.0)	12/10/98	1,4-Dichlorobenzene	0.0063	10.8	U	
937EX029(6.0)	12/10/98	1,1-Dichloroethane	0.0063	1,500	U	
937EX029(6.0)	12/10/98	1,2-Dichloroethane	0.0063	0.75	U	
937EX029(6.0)	12/10/98	1,1-Dichloroethene	0.0063	0.111	U	
937EX029(6.0)	12/10/98	1,2-Dichloropropane	0.0063	0.93	U	
937EX029(6.0)	12/10/98	1,3-Dichloropropene	0.0126	0.75	U	
937EX029(6.0)	12/10/98	2-Hexanone	0.025	NA	U	
937EX029(6.0)	12/10/98	4-Methyl-2-Pentanone	0.025	2,310	U	
937EX029(6.0)	12/10/98	Styrene	0.0063	2,040	U	
937EX029(6.0)	12/10/98	1,1,2,2-Tetrachloroethane	0.0063	1.35	U	
937EX029(6.0)	12/10/98	Tetrachloroethene	0.0063	15	U	
937EX029(6.0)	12/10/98	1,1,1-Trichloroethane	0.0063	3,600	U	
937EX029(6.0)	12/10/98	1,1,2-Trichloroethane	0.0063	1.95	U	
937EX029(6.0)	12/10/98	Trichlorofluoromethane	0.013	1,140	U	
937EX029(6.0)	12/10/98	Vinyl Acetate	0.013	2,340	U	
937EX029(6.0)	12/10/98	Gasoline	1.3	1,690	U	
937EX029(6.0)	12/10/98	Diesel	9.9	1,950	J	
937EX029(6.0)	12/10/98	Fuel Oil	76	2,730		
937EX029(6.0)	12/10/98	Benzene	0.0063	1.0	U	

Footnotes at end of table.
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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 25 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX029(6.0)	12/10/98	Toluene	0.0063	14	U	
937EX029(6.0)	12/10/98	Ethylbenzene	0.0063	19	U	
937EX029(6.0)	12/10/98	Xylenes (Total)	0.0063	4,340	U	
937EX029(6.0)	12/10/98	Total Carcinogenic PAHs	2.05	253	U	
937EX029(6.0)	12/10/98	Benzo(a)anthracene	0.41	See Total	U	
937EX029(6.0)	12/10/98	Benzo(a)pyrene	0.41	9.0	U	
937EX029(6.0)	12/10/98	Benzo(b)fluoranthene	0.41	See Total	U	
937EX029(6.0)	12/10/98	Benzo(k)fluoranthene	0.41	See Total	U	
937EX029(6.0)	12/10/98	Chrysene	0.41	See Total	U	
937EX029(6.0)	12/10/98	Anthracene	0.41	1,120	U	
937EX029(6.0)	12/10/98	Benzo(g,h,i)perylene	0.41	19,500	U	
937EX029(6.0)	12/10/98	Fluoranthene	0.41	1,160	U	
937EX029(6.0)	12/10/98	Fluorene	0.41	220	U	
937EX029(6.0)	12/10/98	Naphthalene	0.41	140	U	
937EX029(6.0)	12/10/98	Phenanthrene	0.41	410	U	
937EX029(6.0)	12/10/98	Pyrene	0.41	910	U	
937EX029(6.0)	12/10/98	PCBs (Total)	0.33	1.0	U	
937EX029(6.0)	12/10/98	Arochlor 1016	0.041	See Total	U	
937EX029(6.0)	12/10/98	Arochlor 1221	0.084	See Total	U	
937EX029(6.0)	12/10/98	Arochlor 1232	0.041	See Total	U	
937EX029(6.0)	12/10/98	Arochlor 1242	0.041	See Total	U	
937EX029(6.0)	12/10/98	Arochlor 1248	0.041	See Total	U	
937EX029(6.0)	12/10/98	Arochlor 1254	0.041	See Total	U	
937EX029(6.0)	12/10/98	Arochlor 1260	0.041	See Total	U	
937EX029(6.0)	12/10/98	Cadmium	0.38	3.99	U	
937EX029(6.0)	12/10/98	Chromium	66	1,300		
937EX029(6.0)	12/10/98	Copper	8.9	88		
937EX029(6.0)	12/10/98	Lead	13	477	U	
937EX029(6.0)	12/10/98	Mercury	0.25	2.79	U	
937EX029(6.0)	12/10/98	Nickel	76	5,500		
937EX029(6.0)	12/10/98	Zinc	28	89		
937EX030(6.5)	12/10/98	cis-1,2-Dichloroethene	0.0063	467	U	
937EX030(6.5)	12/10/98	trans-1,2-Dichloroethene	0.0063	1,027	U	
937EX030(6.5)	12/10/98	Trichloroethene	0.0063	1.3	U	
937EX030(6.5)	12/10/98	Vinyl Chloride	0.013	3.0	U	
937EX030(6.5)	12/10/98	Methylene Chloride	0.0063	54	U	
937EX030(6.5)	12/10/98	Acetone	0.025	6,300	UJ	
937EX030(6.5)	12/10/98	Bromodichloromethane	0.0063	1.89	U	
937EX030(6.5)	12/10/98	Bromoform	0.0063	168	U	

Footnotes at end of table.
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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 26 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX030(6.5)	12/10/98	Bromomethane	0.013	20.4	U	
937EX030(6.5)	12/10/98	2-Butanone	0.025	21,300	U	
937EX030(6.5)	12/10/98	Carbon Disulfide	0.0063	22.5	U	
937EX030(6.5)	12/10/98	Carbon Tetrachloride	0.0063	0.69	U	
937EX030(6.5)	12/10/98	Chlorobenzene	0.0063	195	U	
937EX030(6.5)	12/10/98	Chloroethane	0.013	3,300	U	
937EX030(6.5)	12/10/98	Chloroform	0.0063	0.75	U	
937EX030(6.5)	12/10/98	Chloromethane	0.013	3.6	U	
937EX030(6.5)	12/10/98	Dibromochloromethane	0.0063	15.9	U	
937EX030(6.5)	12/10/98	1,2-Dichlorobenzene	0.0063	2,100	U	
937EX030(6.5)	12/10/98	1,3-Dichlorobenzene	0.0063	1,500	U	
937EX030(6.5)	12/10/98	1,4-Dichlorobenzene	0.0063	10.8	U	
937EX030(6.5)	12/10/98	1,1-Dichloroethane	0.0063	1,500	U	
937EX030(6.5)	12/10/98	1,2-Dichloroethane	0.0063	0.75	U	
937EX030(6.5)	12/10/98	1,1-Dichloroethene	0.0063	0.111	U	
937EX030(6.5)	12/10/98	1,2-Dichloropropane	0.0063	0.93	U	
937EX030(6.5)	12/10/98	1,3-Dichloropropene	0.0126	0.75	U	
937EX030(6.5)	12/10/98	2-Hexanone	0.025	NA	U	
937EX030(6.5)	12/10/98	4-Methyl-2-Pentanone	0.025	2,310	U	
937EX030(6.5)	12/10/98	Styrene	0.0063	2,040	U	
937EX030(6.5)	12/10/98	1,1,2,2-Tetrachloroethane	0.0063	1.35	U	
937EX030(6.5)	12/10/98	Tetrachloroethene	0.0063	15	U	
937EX030(6.5)	12/10/98	1,1,1-Trichloroethane	0.0063	3,600	U	
937EX030(6.5)	12/10/98	1,1,2-Trichloroethane	0.0063	1.95	U	
937EX030(6.5)	12/10/98	Trichlorofluoromethane	0.013	1,140	U	
937EX030(6.5)	12/10/98	Vinyl Acetate	0.013	2,340	U	
937EX030(6.5)	12/10/98	Gasoline	1.3	1,690	U	
937EX030(6.5)	12/10/98	Diesel	20	1,950		
937EX030(6.5)	12/10/98	Fuel Oil	120	2,730		
937EX030(6.5)	12/10/98	Benzene	0.0063	1.0	U	
937EX030(6.5)	12/10/98	Toluene	0.0063	14	U	
937EX030(6.5)	12/10/98	Ethylbenzene	0.0063	19	U	
937EX030(6.5)	12/10/98	Xylenes (Total)	0.0063	4,340	U	
937EX030(6.5)	12/10/98	Total Carcinogenic PAHs	2.1	253	U	
937EX030(6.5)	12/10/98	Benzo(a)anthracene	0.42	See Total	U	
937EX030(6.5)	12/10/98	Benzo(a)pyrene	0.42	9.0	U	
937EX030(6.5)	12/10/98	Benzo(b)fluoranthene	0.42	See Total	U	
937EX030(6.5)	12/10/98	Benzo(k)fluoranthene	0.42	See Total	U	
937EX030(6.5)	12/10/98	Chrysene	0.42	See Total	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 27 of 62)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX030(6.5)	12/10/98	Anthracene	0.42	1,120	U	
937EX030(6.5)	12/10/98	Benzo(g,h,i)perylene	0.42	19,500	U	
937EX030(6.5)	12/10/98	Fluoranthene	0.42	1,160	U	
937EX030(6.5)	12/10/98	Fluorene	0.42	220	U	
937EX030(6.5)	12/10/98	Naphthalene	0.42	140	U	
937EX030(6.5)	12/10/98	Phenanthrene	0.42	410	U	
937EX030(6.5)	12/10/98	Pyrene	0.42	910	U	
937EX030(6.5)	12/10/98	PCBs (Total)	0.336	1.0	U	
937EX030(6.5)	12/10/98	Arochlor 1016	0.042	See Total	U	
937EX030(6.5)	12/10/98	Arochlor 1221	0.084	See Total	U	
937EX030(6.5)	12/10/98	Arochlor 1232	0.042	See Total	U	
937EX030(6.5)	12/10/98	Arochlor 1242	0.042	See Total	U	
937EX030(6.5)	12/10/98	Arochlor 1248	0.042	See Total	U	
937EX030(6.5)	12/10/98	Arochlor 1254	0.042	See Total	U	
937EX030(6.5)	12/10/98	Arochlor 1260	0.042	See Total	U	
937EX030(6.5)	12/10/98	Cadmium	0.38	3.99	U	
937EX030(6.5)	12/10/98	Chromium	160	1,300		
937EX030(6.5)	12/10/98	Copper	29	88		
937EX030(6.5)	12/10/98	Lead	8.1	477	J	
937EX030(6.5)	12/10/98	Mercury	0.25	2.79	U	
937EX030(6.5)	12/10/98	Nickel	160	5,500		
937EX030(6.5)	12/10/98	Zinc	62	89		
937EX030(6.5)DUP	12/10/98	cis-1,2-Dichloroethene	0.0059	467	U	937DUP121098A
937EX030(6.5)DUP	12/10/98	trans-1,2-Dichloroethene	0.0059	1,027	U	
937EX030(6.5)DUP	12/10/98	Trichloroethene	0.0059	1.3	U	
937EX030(6.5)DUP	12/10/98	Vinyl Chloride	0.012	3.0	U	
937EX030(6.5)DUP	12/10/98	Methylene Chloride	0.0059	54	U	
937EX030(6.5)DUP	12/10/98	Acetone	0.024	6,300	UJ	
937EX030(6.5)DUP	12/10/98	Bromodichloromethane	0.0059	1.89	U	
937EX030(6.5)DUP	12/10/98	Bromoform	0.0059	168	U	
937EX030(6.5)DUP	12/10/98	Bromomethane	0.012	20.4	U	
937EX030(6.5)DUP	12/10/98	2-Butanone	0.024	21,300	U	
937EX030(6.5)DUP	12/10/98	Carbon Disulfide	0.0059	22.5	U	
937EX030(6.5)DUP	12/10/98	Carbon Tetrachloride	0.0059	0.69	U	
937EX030(6.5)DUP	12/10/98	Chlorobenzene	0.0059	195	U	
937EX030(6.5)DUP	12/10/98	Chloroethane	0.012	3,300	U	
937EX030(6.5)DUP	12/10/98	Chloroform	0.0059	0.75	U	
937EX030(6.5)DUP	12/10/98	Chloromethane	0.012	3.6	U	
937EX030(6.5)DUP	12/10/98	Dibromochloromethane	0.0059	15.9	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 28 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX030(6.5)DUP	12/10/98	1,2-Dichlorobenzene	0.0059	2,100	U	
937EX030(6.5)DUP	12/10/98	1,3-Dichlorobenzene	0.0059	1,500	U	
937EX030(6.5)DUP	12/10/98	1,4-Dichlorobenzene	0.0059	10.8	U	
937EX030(6.5)DUP	12/10/98	1,1-Dichloroethane	0.0059	1,500	U	
937EX030(6.5)DUP	12/10/98	1,2-Dichloroethane	0.0059	0.75	U	
937EX030(6.5)DUP	12/10/98	1,1-Dichloroethene	0.0059	0.111	U	
937EX030(6.5)DUP	12/10/98	1,2-Dichloropropane	0.0059	0.93	U	
937EX030(6.5)DUP	12/10/98	1,3-Dichloropropene	0.0118	0.75	U	
937EX030(6.5)DUP	12/10/98	2-Hexanone	0.024	NA	U	
937EX030(6.5)DUP	12/10/98	4-Methyl-2-Pentanone	0.024	2,310	U	
937EX030(6.5)DUP	12/10/98	Styrene	0.0059	2,040	U	
937EX030(6.5)DUP	12/10/98	1,1,2,2-Tetrachloroethane	0.0059	1.35	U	
937EX030(6.5)DUP	12/10/98	Tetrachloroethene	0.0059	15	U	
937EX030(6.5)DUP	12/10/98	1,1,1-Trichloroethane	0.0059	3,600	U	
937EX030(6.5)DUP	12/10/98	1,1,2-Trichloroethane	0.0059	1.95	U	
937EX030(6.5)DUP	12/10/98	Trichlorofluoromethane	0.012	1,140	U	
937EX030(6.5)DUP	12/10/98	Vinyl Acetate	0.012	2,340	U	
937EX030(6.5)DUP	12/10/98	Gasoline	1.2	1,690	U	
937EX030(6.5)DUP	12/10/98	Diesel	20	1,950		
937EX030(6.5)DUP	12/10/98	Fuel Oil	120	2,730		
937EX030(6.5)DUP	12/10/98	Benzene	0.0059	1.0	U	
937EX030(6.5)DUP	12/10/98	Toluene	0.0059	14	U	
937EX030(6.5)DUP	12/10/98	Ethylbenzene	0.0059	19	U	
937EX030(6.5)DUP	12/10/98	Xylenes (Total)	0.0059	4,340	U	
937EX030(6.5)DUP	12/10/98	Total Carcinogenic PAHs	1.95	253	U	
937EX030(6.5)DUP	12/10/98	Benzo(a)anthracene	0.39	See Total	U	
937EX030(6.5)DUP	12/10/98	Benzo(a)pyrene	0.39	9.0	U	
937EX030(6.5)DUP	12/10/98	Benzo(b)fluoranthene	0.39	See Total	U	
937EX030(6.5)DUP	12/10/98	Benzo(k)fluoranthene	0.39	See Total	U	
937EX030(6.5)DUP	12/10/98	Chrysene	0.39	See Total	U	
937EX030(6.5)DUP	12/10/98	Anthracene	0.39	1,120	U	
937EX030(6.5)DUP	12/10/98	Benzo(g,h,i)perylene	0.39	19,500	U	
937EX030(6.5)DUP	12/10/98	Fluoranthene	0.39	1,160	U	
937EX030(6.5)DUP	12/10/98	Fluorene	0.39	220	U	
937EX030(6.5)DUP	12/10/98	Naphthalene	0.39	140	U	
937EX030(6.5)DUP	12/10/98	Phenanthrene	0.39	410	U	
937EX030(6.5)DUP	12/10/98	Pyrene	0.39	910	U	
937EX030(6.5)DUP	12/10/98	PCBs (Total)	0.314	1.0	U	
937EX030(6.5)DUP	12/10/98	Arochlor 1016	0.039	See Total	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 29 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX030(6.5)DUP	12/10/98	Arochlor 1221	0.08	See Total	U	
937EX030(6.5)DUP	12/10/98	Arochlor 1232	0.039	See Total	U	
937EX030(6.5)DUP	12/10/98	Arochlor 1242	0.039	See Total	U	
937EX030(6.5)DUP	12/10/98	Arochlor 1248	0.039	See Total	U	
937EX030(6.5)DUP	12/10/98	Arochlor 1254	0.039	See Total	U	
937EX030(6.5)DUP	12/10/98	Arochlor 1260	0.039	See Total	U	
937EX030(6.5)DUP	12/10/98	Cadmium	0.36	3.99	U	
937EX030(6.5)DUP	12/10/98	Chromium	240	1,300		
937EX030(6.5)DUP	12/10/98	Copper	11	88		
937EX030(6.5)DUP	12/10/98	Lead	8.6	477	J	
937EX030(6.5)DUP	12/10/98	Mercury	0.24	2.79	U	
937EX030(6.5)DUP	12/10/98	Nickel	290	5,500		
937EX030(6.5)DUP	12/10/98	Zinc	23	89		
937EX031(6.5)	12/10/98	cis-1,2-Dichloroethene	0.0071	467	U	
937EX031(6.5)	12/10/98	trans-1,2-Dichloroethene	0.0071	1,027	U	
937EX031(6.5)	12/10/98	Trichloroethene	0.0071	1.3	U	
937EX031(6.5)	12/10/98	Vinyl Chloride	0.014	3.0	U	
937EX031(6.5)	12/10/98	Methylene Chloride	0.0071	54	UJ	
937EX031(6.5)	12/10/98	Acetone	0.028	6,300	UJ	
937EX031(6.5)	12/10/98	Bromodichloromethane	0.0071	1.89	U	
937EX031(6.5)	12/10/98	Bromoform	0.0071	168	U	
937EX031(6.5)	12/10/98	Bromomethane	0.014	20.4	U	
937EX031(6.5)	12/10/98	2-Butanone	0.028	21,300	U	
937EX031(6.5)	12/10/98	Carbon Disulfide	0.0071	22.5	U	
937EX031(6.5)	12/10/98	Carbon Tetrachloride	0.0071	0.69	U	
937EX031(6.5)	12/10/98	Chlorobenzene	0.0071	195	U	
937EX031(6.5)	12/10/98	Chloroethane	0.014	3,300	U	
937EX031(6.5)	12/10/98	Chloroform	0.0071	0.75	U	
937EX031(6.5)	12/10/98	Chloromethane	0.014	3.6	U	
937EX031(6.5)	12/10/98	Dibromochloromethane	0.0071	15.9	U	
937EX031(6.5)	12/10/98	1,2-Dichlorobenzene	0.0071	2,100	U	
937EX031(6.5)	12/10/98	1,3-Dichlorobenzene	0.0071	1,500	U	
937EX031(6.5)	12/10/98	1,4-Dichlorobenzene	0.0071	10.8	U	
937EX031(6.5)	12/10/98	1,1-Dichloroethane	0.0071	1,500	U	
937EX031(6.5)	12/10/98	1,2-Dichloroethane	0.0071	0.75	U	
937EX031(6.5)	12/10/98	1,1-Dichloroethene	0.0071	0.111	U	
937EX031(6.5)	12/10/98	1,2-Dichloropropane	0.0071	0.93	U	
937EX031(6.5)	12/10/98	1,3-Dichloropropene	0.0142	0.75	U	
937EX031(6.5)	12/10/98	2-Hexanone	0.028	NA	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 30 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX031(6.5)	12/10/98	4-Methyl-2-Pentanone	0.028	2,310	U	
937EX031(6.5)	12/10/98	Styrene	0.0071	2,040	U	
937EX031(6.5)	12/10/98	1,1,2,2-Tetrachloroethane	0.0071	1.35	U	
937EX031(6.5)	12/10/98	Tetrachloroethene	0.0071	15	U	
937EX031(6.5)	12/10/98	1,1,1-Trichloroethane	0.0071	3,600	U	
937EX031(6.5)	12/10/98	1,1,2-Trichloroethane	0.0071	1.95	U	
937EX031(6.5)	12/10/98	Trichlorofluoromethane	0.014	1,140	U	
937EX031(6.5)	12/10/98	Vinyl Acetate	0.014	2,340	U	
937EX031(6.5)	12/10/98	Gasoline	1.4	1,690	U	
937EX031(6.5)	12/10/98	Diesel	13	1,950	J	
937EX031(6.5)	12/10/98	Fuel Oil	130	2,730		
937EX031(6.5)	12/10/98	Benzene	0.0071	1.0	U	
937EX031(6.5)	12/10/98	Toluene	0.0071	14	U	
937EX031(6.5)	12/10/98	Ethylbenzene	0.0071	19	U	
937EX031(6.5)	12/10/98	Xylenes (Total)	0.0071	4,340	U	
937EX031(6.5)	12/10/98	Total Carcinogenic PAHs	2.35	253	U	
937EX031(6.5)	12/10/98	Benzo(a)anthracene	0.47	See Total	U	
937EX031(6.5)	12/10/98	Benzo(a)pyrene	0.47	9.0	U	
937EX031(6.5)	12/10/98	Benzo(b)fluoranthene	0.47	See Total	U	
937EX031(6.5)	12/10/98	Benzo(k)fluoranthene	0.47	See Total	U	
937EX031(6.5)	12/10/98	Chrysene	0.47	See Total	U	
937EX031(6.5)	12/10/98	Anthracene	0.47	1,120	U	
937EX031(6.5)	12/10/98	Benzo(g,h,i)perylene	0.47	19,500	U	
937EX031(6.5)	12/10/98	Fluoranthene	0.47	1,160	U	
937EX031(6.5)	12/10/98	Fluorene	0.47	220	U	
937EX031(6.5)	12/10/98	Naphthalene	0.47	140	U	
937EX031(6.5)	12/10/98	Phenanthrene	0.47	410	U	
937EX031(6.5)	12/10/98	Pyrene	0.47	910	U	
937EX031(6.5)	12/10/98	PCBs (Total)	0.377	1.0	U	
937EX031(6.5)	12/10/98	Arochlor 1016	0.047	See Total	U	
937EX031(6.5)	12/10/98	Arochlor 1221	0.095	See Total	U	
937EX031(6.5)	12/10/98	Arochlor 1232	0.047	See Total	U	
937EX031(6.5)	12/10/98	Arochlor 1242	0.047	See Total	U	
937EX031(6.5)	12/10/98	Arochlor 1248	0.047	See Total	U	
937EX031(6.5)	12/10/98	Arochlor 1254	0.047	See Total	U	
937EX031(6.5)	12/10/98	Arochlor 1260	0.047	See Total	U	
937EX031(6.5)	12/10/98	Cadmium	0.42	3.99	U	
937EX031(6.5)	12/10/98	Chromium	270	1,300		
937EX031(6.5)	12/10/98	Copper	29	88		

Footnotes at end of table.

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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 31 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX031(6.5)	12/10/98	Lead	20	477		
937EX031(6.5)	12/10/98	Mercury	0.75	2.79		
937EX031(6.5)	12/10/98	Nickel	360	5,500		
937EX031(6.5)	12/10/98	Zinc	64	89		
937EX032(6.0)	12/10/98	cis-1,2-Dichloroethene	0.0066	467	U	
937EX032(6.0)	12/10/98	trans-1,2-Dichloroethene	0.0066	1,027	U	
937EX032(6.0)	12/10/98	Trichloroethene	0.0066	1.3	U	
937EX032(6.0)	12/10/98	Vinyl Chloride	0.013	3.0	U	
937EX032(6.0)	12/10/98	Methylene Chloride	0.0066	54	UJ	
937EX032(6.0)	12/10/98	Acetone	0.026	6,300	UJ	
937EX032(6.0)	12/10/98	Bromodichloromethane	0.0066	1.89	U	
937EX032(6.0)	12/10/98	Bromoform	0.0066	168	U	
937EX032(6.0)	12/10/98	Bromomethane	0.013	20.4	U	
937EX032(6.0)	12/10/98	2-Butanone	0.026	21,300	U	
937EX032(6.0)	12/10/98	Carbon Disulfide	0.0066	22.5	U	
937EX032(6.0)	12/10/98	Carbon Tetrachloride	0.0066	0.69	U	
937EX032(6.0)	12/10/98	Chlorobenzene	0.0066	195	U	
937EX032(6.0)	12/10/98	Chloroethane	0.013	3,300	U	
937EX032(6.0)	12/10/98	Chloroform	0.0066	0.75	U	
937EX032(6.0)	12/10/98	Chloromethane	0.013	3.6	U	
937EX032(6.0)	12/10/98	Dibromochloromethane	0.0066	15.9	U	
937EX032(6.0)	12/10/98	1,2-Dichlorobenzene	0.0066	2,100	U	
937EX032(6.0)	12/10/98	1,3-Dichlorobenzene	0.0066	1,500	U	
937EX032(6.0)	12/10/98	1,4-Dichlorobenzene	0.0066	10.8	U	
937EX032(6.0)	12/10/98	1,1-Dichloroethane	0.0066	1,500	U	
937EX032(6.0)	12/10/98	1,2-Dichloroethane	0.0066	0.75	U	
937EX032(6.0)	12/10/98	1,1-Dichloroethene	0.0066	0.111	U	
937EX032(6.0)	12/10/98	1,2-Dichloropropane	0.0066	0.93	U	
937EX032(6.0)	12/10/98	1,3-Dichloropropene	0.0132	0.75	U	
937EX032(6.0)	12/10/98	2-Hexanone	0.026	NA	U	
937EX032(6.0)	12/10/98	4-Methyl-2-Pentanone	0.026	2,310	U	
937EX032(6.0)	12/10/98	Styrene	0.0066	2,040	U	
937EX032(6.0)	12/10/98	1,1,2,2-Tetrachloroethane	0.0066	1.35	U	
937EX032(6.0)	12/10/98	Tetrachloroethene	0.0066	15	U	
937EX032(6.0)	12/10/98	1,1,1-Trichloroethane	0.0066	3,600	U	
937EX032(6.0)	12/10/98	1,1,2-Trichloroethane	0.0066	1.95	U	
937EX032(6.0)	12/10/98	Trichlorofluoromethane	0.013	1,140	U	
937EX032(6.0)	12/10/98	Vinyl Acetate	0.013	2,340	U	
937EX032(6.0)	12/10/98	Gasoline	1.3	1,690	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 32 of 62)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX032(6.0)	12/10/98	Diesel	33	1,950		
937EX032(6.0)	12/10/98	Fuel Oil	170	2,730		
937EX032(6.0)	12/10/98	Benzene	0.0066	1.0	U	
937EX032(6.0)	12/10/98	Toluene	0.0066	14	U	
937EX032(6.0)	12/10/98	Ethylbenzene	0.0066	19	U	
937EX032(6.0)	12/10/98	Xylenes (Total)	0.0066	4,340	U	
937EX032(6.0)	12/10/98	Total Carcinogenic PAHs	2.2	253	U	
937EX032(6.0)	12/10/98	Benzo(a)anthracene	0.44	See Total	U	
937EX032(6.0)	12/10/98	Benzo(a)pyrene	0.44	9.0	U	
937EX032(6.0)	12/10/98	Benzo(b)fluoranthene	0.44	See Total	U	
937EX032(6.0)	12/10/98	Benzo(k)fluoranthene	0.44	See Total	U	
937EX032(6.0)	12/10/98	Chrysene	0.44	See Total	U	
937EX032(6.0)	12/10/98	Anthracene	0.44	1,120	U	
937EX032(6.0)	12/10/98	Benzo(g,h,i)perylene	0.44	19,500	U	
937EX032(6.0)	12/10/98	Fluoranthene	0.44	1,160	U	
937EX032(6.0)	12/10/98	Fluorene	0.44	220	U	
937EX032(6.0)	12/10/98	Naphthalene	0.44	140	U	
937EX032(6.0)	12/10/98	Phenanthrene	0.44	410	U	
937EX032(6.0)	12/10/98	Pyrene	0.44	910	U	
937EX032(6.0)	12/10/98	PCBs (Total)	0.353	1.0	U	
937EX032(6.0)	12/10/98	Arochlor 1016	0.044	See Total	U	
937EX032(6.0)	12/10/98	Arochlor 1221	0.089	See Total	U	
937EX032(6.0)	12/10/98	Arochlor 1232	0.044	See Total	U	
937EX032(6.0)	12/10/98	Arochlor 1242	0.044	See Total	U	
937EX032(6.0)	12/10/98	Arochlor 1248	0.044	See Total	U	
937EX032(6.0)	12/10/98	Arochlor 1254	0.044	See Total	U	
937EX032(6.0)	12/10/98	Arochlor 1260	0.044	See Total	U	
937EX032(6.0)	12/10/98	Cadmium	0.4	3.99	U	
937EX032(6.0)	12/10/98	Chromium	230	1,300		
937EX032(6.0)	12/10/98	Copper	14	88		
937EX032(6.0)	12/10/98	Lead	13	477	U	
937EX032(6.0)	12/10/98	Mercury	0.26	2.79	U	
937EX032(6.0)	12/10/98	Nickel	370	5,500		
937EX032(6.0)	12/10/98	Zinc	30	89		
937EX033(6.5)	12/10/98	cis-1,2-Dichloroethene	0.0053	467	U	
937EX033(6.5)	12/10/98	trans-1,2-Dichloroethene	0.0053	1,027	U	
937EX033(6.5)	12/10/98	Trichloroethene	0.0053	1.3	U	
937EX033(6.5)	12/10/98	Vinyl Chloride	0.011	3.0	U	
937EX033(6.5)	12/10/98	Methylene Chloride	0.0053	54	UJ	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 33 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX033(6.5)	12/10/98	Acetone	0.021	6,300	UJ	
937EX033(6.5)	12/10/98	Bromodichloromethane	0.0053	1.89	U	
937EX033(6.5)	12/10/98	Bromoform	0.0053	168	U	
937EX033(6.5)	12/10/98	Bromomethane	0.011	20.4	U	
937EX033(6.5)	12/10/98	2-Butanone	0.021	21,300	U	
937EX033(6.5)	12/10/98	Carbon Disulfide	0.0053	22.5	U	
937EX033(6.5)	12/10/98	Carbon Tetrachloride	0.0053	0.69	U	
937EX033(6.5)	12/10/98	Chlorobenzene	0.0053	195	U	
937EX033(6.5)	12/10/98	Chloroethane	0.011	3,300	U	
937EX033(6.5)	12/10/98	Chloroform	0.0053	0.75	U	
937EX033(6.5)	12/10/98	Chloromethane	0.011	3.6	U	
937EX033(6.5)	12/10/98	Dibromochloromethane	0.0053	15.9	U	
937EX033(6.5)	12/10/98	1,2-Dichlorobenzene	0.0053	2,100	U	
937EX033(6.5)	12/10/98	1,3-Dichlorobenzene	0.0053	1,500	U	
937EX033(6.5)	12/10/98	1,4-Dichlorobenzene	0.0053	10.8	U	
937EX033(6.5)	12/10/98	1,1-Dichloroethane	0.0053	1,500	U	
937EX033(6.5)	12/10/98	1,2-Dichloroethane	0.0053	0.75	U	
937EX033(6.5)	12/10/98	1,1-Dichloroethene	0.0053	0.111	U	
937EX033(6.5)	12/10/98	1,2-Dichloropropane	0.0053	0.93	U	
937EX033(6.5)	12/10/98	1,3-Dichloropropene	0.0106	0.75	U	
937EX033(6.5)	12/10/98	2-Hexanone	0.021	NA	U	
937EX033(6.5)	12/10/98	4-Methyl-2-Pentanone	0.021	2,310	U	
937EX033(6.5)	12/10/98	Styrene	0.0053	2,040	U	
937EX033(6.5)	12/10/98	1,1,2,2-Tetrachloroethane	0.0053	1.35	U	
937EX033(6.5)	12/10/98	Tetrachloroethene	0.0053	15	U	
937EX033(6.5)	12/10/98	1,1,1-Trichloroethane	0.0053	3,600	U	
937EX033(6.5)	12/10/98	1,1,2-Trichloroethane	0.0053	1.95	U	
937EX033(6.5)	12/10/98	Trichlorofluoromethane	0.011	1,140	U	
937EX033(6.5)	12/10/98	Vinyl Acetate	0.011	2,340	U	
937EX033(6.5)	12/10/98	Gasoline	1.1	1,690	U	
937EX033(6.5)	12/10/98	Diesel	11	1,950	U	
937EX033(6.5)	12/10/98	Fuel Oil	42	2,730		
937EX033(6.5)	12/10/98	Benzene	0.0053	1.0	U	
937EX033(6.5)	12/10/98	Toluene	0.0053	14	U	
937EX033(6.5)	12/10/98	Ethylbenzene	0.0053	19	U	
937EX033(6.5)	12/10/98	Xylenes (Total)	0.0053	4,340	U	
937EX033(6.5)	12/10/98	Total Carcinogenic PAHs	1.75	253	U	
937EX033(6.5)	12/10/98	Benzo(a)anthracene	0.35	See Total	U	
937EX033(6.5)	12/10/98	Benzo(a)pyrene	0.35	9.0	U	

Footnotes at end of table.
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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 34 of 62)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX033(6.5)	12/10/98	Benzo(b)fluoranthene	0.35	See Total	U	
937EX033(6.5)	12/10/98	Benzo(k)fluoranthene	0.35	See Total	U	
937EX033(6.5)	12/10/98	Chrysene	0.35	See Total	U	
937EX033(6.5)	12/10/98	Anthracene	0.35	1,120	U	
937EX033(6.5)	12/10/98	Benzo(g,h,i)perylene	0.35	19,500	U	
937EX033(6.5)	12/10/98	Fluoranthene	0.35	1,160	U	
937EX033(6.5)	12/10/98	Fluorene	0.35	220	U	
937EX033(6.5)	12/10/98	Naphthalene	0.35	140	U	
937EX033(6.5)	12/10/98	Phenanthrene	0.35	410	U	
937EX033(6.5)	12/10/98	Pyrene	0.35	910	U	
937EX033(6.5)	12/10/98	PCBs (Total)	0.282	1.0	U	
937EX033(6.5)	12/10/98	Arochlor 1016	0.035	See Total	U	
937EX033(6.5)	12/10/98	Arochlor 1221	0.072	See Total	U	
937EX033(6.5)	12/10/98	Arochlor 1232	0.035	See Total	U	
937EX033(6.5)	12/10/98	Arochlor 1242	0.035	See Total	U	
937EX033(6.5)	12/10/98	Arochlor 1248	0.035	See Total	U	
937EX033(6.5)	12/10/98	Arochlor 1254	0.035	See Total	U	
937EX033(6.5)	12/10/98	Arochlor 1260	0.035	See Total	U	
937EX033(6.5)	12/10/98	Cadmium	0.32	3.99	U	
937EX033(6.5)	12/10/98	Chromium	23	1,300		
937EX033(6.5)	12/10/98	Copper	11	88		
937EX033(6.5)	12/10/98	Lead	11	477	U	
937EX033(6.5)	12/10/98	Mercury	0.21	2.79	U	
937EX033(6.5)	12/10/98	Nickel	25	5,500		
937EX033(6.5)	12/10/98	Zinc	35	89		
937EX034(6.5)	12/10/98	cis-1,2-Dichloroethene	0.0067	467	U	
937EX034(6.5)	12/10/98	trans-1,2-Dichloroethene	0.0067	1,027	U	
937EX034(6.5)	12/10/98	Trichloroethene	0.0067	1.3	U	
937EX034(6.5)	12/10/98	Vinyl Chloride	0.013	3.0	U	
937EX034(6.5)	12/10/98	Methylene Chloride	0.0067	54	UJ	
937EX034(6.5)	12/10/98	Acetone	0.027	6,300	UJ	
937EX034(6.5)	12/10/98	Bromodichloromethane	0.0067	1.89	U	
937EX034(6.5)	12/10/98	Bromoform	0.0067	168	U	
937EX034(6.5)	12/10/98	Bromomethane	0.013	20.4	U	
937EX034(6.5)	12/10/98	2-Butanone	0.027	21,300	U	
937EX034(6.5)	12/10/98	Carbon Disulfide	0.0067	22.5	U	
937EX034(6.5)	12/10/98	Carbon Tetrachloride	0.0067	0.69	U	
937EX034(6.5)	12/10/98	Chlorobenzene	0.0067	195	U	
937EX034(6.5)	12/10/98	Chloroethane	0.013	3,300	U	

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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 35 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX034(6.5)	12/10/98	Chloroform	0.0067	0.75	U	
937EX034(6.5)	12/10/98	Chloromethane	0.013	3.6	U	
937EX034(6.5)	12/10/98	Dibromochloromethane	0.0067	15.9	U	
937EX034(6.5)	12/10/98	1,2-Dichlorobenzene	0.0067	2,100	U	
937EX034(6.5)	12/10/98	1,3-Dichlorobenzene	0.0067	1,500	U	
937EX034(6.5)	12/10/98	1,4-Dichlorobenzene	0.0067	10.8	U	
937EX034(6.5)	12/10/98	1,1-Dichloroethane	0.0067	1,500	U	
937EX034(6.5)	12/10/98	1,2-Dichloroethane	0.0067	0.75	U	
937EX034(6.5)	12/10/98	1,1-Dichloroethene	0.0067	0.111	U	
937EX034(6.5)	12/10/98	1,2-Dichloropropane	0.0067	0.93	U	
937EX034(6.5)	12/10/98	1,3-Dichloropropene	0.0134	0.75	U	
937EX034(6.5)	12/10/98	2-Hexanone	0.027	NA	U	
937EX034(6.5)	12/10/98	4-Methyl-2-Pentanone	0.027	2,310	U	
937EX034(6.5)	12/10/98	Styrene	0.0067	2,040	U	
937EX034(6.5)	12/10/98	1,1,2,2-Tetrachloroethane	0.0067	1.35	U	
937EX034(6.5)	12/10/98	Tetrachloroethene	0.0067	15	U	
937EX034(6.5)	12/10/98	1,1,1-Trichloroethane	0.0067	3,600	U	
937EX034(6.5)	12/10/98	1,1,2-Trichloroethane	0.0067	1.95	U	
937EX034(6.5)	12/10/98	Trichlorofluoromethane	0.013	1,140	U	
937EX034(6.5)	12/10/98	Vinyl Acetate	0.013	2,340	U	
937EX034(6.5)	12/10/98	Gasoline	8.4	1,690	J	
937EX034(6.5)	12/10/98	Diesel	160	1,950		
937EX034(6.5)	12/10/98	Fuel Oil	550	2,730		
937EX034(6.5)	12/10/98	Benzene	0.0067	1.0	U	
937EX034(6.5)	12/10/98	Toluene	0.0067	14	U	
937EX034(6.5)	12/10/98	Ethylbenzene	0.0067	19	U	
937EX034(6.5)	12/10/98	Xylenes (Total)	0.0067	4,340	U	
937EX034(6.5)	12/10/98	Total Carcinogenic PAHs	2.2	253	U	
937EX034(6.5)	12/10/98	Benzo(a)anthracene	0.44	See Total	U	
937EX034(6.5)	12/10/98	Benzo(a)pyrene	0.44	9.0	U	
937EX034(6.5)	12/10/98	Benzo(b)fluoranthene	0.44	See Total	U	
937EX034(6.5)	12/10/98	Benzo(k)fluoranthene	0.44	See Total	U	
937EX034(6.5)	12/10/98	Chrysene	0.44	See Total	U	
937EX034(6.5)	12/10/98	Anthracene	0.44	1,120	U	
937EX034(6.5)	12/10/98	Benzo(g,h,i)perylene	0.44	19,500	U	
937EX034(6.5)	12/10/98	Fluoranthene	0.44	1,160	U	
937EX034(6.5)	12/10/98	Fluorene	0.44	220	U	
937EX034(6.5)	12/10/98	Naphthalene	0.44	140	U	
937EX034(6.5)	12/10/98	Phenanthrene	0.44	410	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 36 of 62)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX034(6.5)	12/10/98	Pyrene	0.44	910	U	
937EX034(6.5)	12/10/98	PCBs (Total)	0.353	1.0	U	
937EX034(6.5)	12/10/98	Arochlor 1016	0.044	See Total	U	
937EX034(6.5)	12/10/98	Arochlor 1221	0.089	See Total	U	
937EX034(6.5)	12/10/98	Arochlor 1232	0.044	See Total	U	
937EX034(6.5)	12/10/98	Arochlor 1242	0.044	See Total	U	
937EX034(6.5)	12/10/98	Arochlor 1248	0.044	See Total	U	
937EX034(6.5)	12/10/98	Arochlor 1254	0.044	See Total	U	
937EX034(6.5)	12/10/98	Arochlor 1260	0.044	See Total	U	
937EX034(6.5)	12/10/98	Cadmium	0.4	3.99	U	
937EX034(6.5)	12/10/98	Chromium	200	1,300		
937EX034(6.5)	12/10/98	Copper	14	88		
937EX034(6.5)	12/10/98	Lead	310	477		
937EX034(6.5)	12/10/98	Mercury	0.27	2.79	U	
937EX034(6.5)	12/10/98	Nickel	170	5,500		
937EX034(6.5)	12/10/98	Zinc	37	89		
937EX035(6.5)	12/23/98	cis-1,2-Dichloroethene	0.031	467	U	
937EX035(6.5)	12/23/98	trans-1,2-Dichloroethene	0.031	1,027	U	
937EX035(6.5)	12/23/98	Trichloroethene	0.031	1.3	U	
937EX035(6.5)	12/23/98	Vinyl Chloride	0.061	3.0	U	
937EX035(6.5)	12/23/98	Methylene Chloride	0.031	54	U	
937EX035(6.5)	12/23/98	Acetone	0.12	6,300	U	
937EX035(6.5)	12/23/98	Bromodichloromethane	0.031	1.89	U	
937EX035(6.5)	12/23/98	Bromoform	0.031	168	U	
937EX035(6.5)	12/23/98	Bromomethane	0.061	20.4	U	
937EX035(6.5)	12/23/98	2-Butanone	0.12	21,300	U	
937EX035(6.5)	12/23/98	Carbon Disulfide	0.031	22.5	U	
937EX035(6.5)	12/23/98	Carbon Tetrachloride	0.031	0.69	U	
937EX035(6.5)	12/23/98	Chlorobenzene	0.068	195		
937EX035(6.5)	12/23/98	Chloroethane	0.061	3,300	U	
937EX035(6.5)	12/23/98	Chloroform	0.031	0.75	U	
937EX035(6.5)	12/23/98	Chloromethane	0.061	3.6	U	
937EX035(6.5)	12/23/98	Dibromochloromethane	0.031	15.9	U	
937EX035(6.5)	12/23/98	1,2-Dichlorobenzene	0.031	2,100	U	
937EX035(6.5)	12/23/98	1,3-Dichlorobenzene	0.031	1,500	U	
937EX035(6.5)	12/23/98	1,4-Dichlorobenzene	0.031	10.8	U	
937EX035(6.5)	12/23/98	1,1-Dichloroethane	0.031	1,500	U	
937EX035(6.5)	12/23/98	1,2-Dichloroethane	0.031	0.75	U	
937EX035(6.5)	12/23/98	1,1-Dichloroethene	0.031	0.111	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 37 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX035(6.5)	12/23/98	1,2-Dichloropropane	0.031	0.93	U	
937EX035(6.5)	12/23/98	1,3-Dichloropropene	0.062	0.75	U	
937EX035(6.5)	12/23/98	2-Hexanone	0.12	NA	U	
937EX035(6.5)	12/23/98	4-Methyl-2-Pentanone	0.12	2,310	U	
937EX035(6.5)	12/23/98	Styrene	0.031	2,040	U	
937EX035(6.5)	12/23/98	1,1,2,2-Tetrachloroethane	0.031	1.35	U	
937EX035(6.5)	12/23/98	Tetrachloroethene	0.031	15	U	
937EX035(6.5)	12/23/98	1,1,1-Trichloroethane	0.031	3,600	U	
937EX035(6.5)	12/23/98	1,1,2-Trichloroethane	0.031	1.95	U	
937EX035(6.5)	12/23/98	Trichlorofluoromethane	0.061	1,140	U	
937EX035(6.5)	12/23/98	Vinyl Acetate	0.061	2,340	U	
937EX035(6.5)	12/23/98	Gasoline	0.69	1,690	J	
937EX035(6.5)	12/23/98	Diesel	12	1,950	U	
937EX035(6.5)	12/23/98	Fuel Oil	61	2,730	U	
937EX035(6.5)	12/23/98	Benzene	0.031	1.0	U	
937EX035(6.5)	12/23/98	Toluene	0.031	14	U	
937EX035(6.5)	12/23/98	Ethylbenzene	0.031	19	U	
937EX035(6.5)	12/23/98	Xylenes (Total)	0.053	4,340		
937EX035(6.5)	12/23/98	Total Carcinogenic PAHs	2.05	253	U	
937EX035(6.5)	12/23/98	Benzo(a)anthracene	0.41	See Total	U	
937EX035(6.5)	12/23/98	Benzo(a)pyrene	0.41	9.0	U	
937EX035(6.5)	12/23/98	Benzo(b)fluoranthene	0.41	See Total	U	
937EX035(6.5)	12/23/98	Benzo(k)fluoranthene	0.41	See Total	U	
937EX035(6.5)	12/23/98	Chrysene	0.41	See Total	U	
937EX035(6.5)	12/23/98	Anthracene	0.41	1,120	U	
937EX035(6.5)	12/23/98	Benzo(g,h,i)perylene	0.41	19,500	U	
937EX035(6.5)	12/23/98	Fluoranthene	0.41	1,160	U	
937EX035(6.5)	12/23/98	Fluorene	0.41	220	U	
937EX035(6.5)	12/23/98	Naphthalene	0.41	140	U	
937EX035(6.5)	12/23/98	Phenanthrene	0.41	410	U	
937EX035(6.5)	12/23/98	Pyrene	0.41	910	U	
937EX035(6.5)	12/23/98	PCBs (Total)	0.328	1.0	U	
937EX035(6.5)	12/23/98	Arochlor 1016	0.041	See Total	U	
937EX035(6.5)	12/23/98	Arochlor 1221	0.082	See Total	U	
937EX035(6.5)	12/23/98	Arochlor 1232	0.041	See Total	U	
937EX035(6.5)	12/23/98	Arochlor 1242	0.041	See Total	U	
937EX035(6.5)	12/23/98	Arochlor 1248	0.041	See Total	U	
937EX035(6.5)	12/23/98	Arochlor 1254	0.041	See Total	U	
937EX035(6.5)	12/23/98	Arochlor 1260	0.041	See Total	U	

Footnotes at end of table.
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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 38 of 62)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX035(6.5)	12/23/98	Cadmium	0.37	3.99	U	
937EX035(6.5)	12/23/98	Chromium	58	1,300		
937EX035(6.5)	12/23/98	Copper	3.7	88		
937EX035(6.5)	12/23/98	Lead	12	477	U	
937EX035(6.5)	12/23/98	Mercury	0.25	2.79	U	
937EX035(6.5)	12/23/98	Nickel	23	5,500	J	
937EX035(6.5)	12/23/98	Zinc	16	89		
937EX036(7.0)10	01/04/99	cis-1,2-Dichloroethene	0.007	467	U	
937EX036(7.0)10	01/04/99	trans-1,2-Dichloroethene	0.007	1,027	U	
937EX036(7.0)10	01/04/99	Trichloroethene	0.007	1.3	U	
937EX036(7.0)10	01/04/99	Vinyl Chloride	0.014	3.0	U	
937EX036(7.0)10	01/04/99	Methylene Chloride	1.4	54	U	
937EX036(7.0)10	01/04/99	Acetone	66	6,300	U	
937EX036(7.0)10	01/04/99	Bromodichloromethane	370	1.89	U	
937EX036(7.0)10	01/04/99	Bromoform	0.007	168	U	
937EX036(7.0)10	01/04/99	Bromomethane	0.007	20.4	U	
937EX036(7.0)10	01/04/99	2-Butanone	0.007	21,300	U	
937EX036(7.0)10	01/04/99	Carbon Disulfide	0.014	22.5	U	
937EX036(7.0)10	01/04/99	Carbon Tetrachloride	0.007	0.69	U	
937EX036(7.0)10	01/04/99	Chlorobenzene	0.007	195	U	
937EX036(7.0)10	01/04/99	Chloroethane	0.014	3,300	U	
937EX036(7.0)10	01/04/99	Chloroform	0.007	0.75	U	
937EX036(7.0)10	01/04/99	Chloromethane	0.014	3.6	U	
937EX036(7.0)10	01/04/99	Dibromochloromethane	0.007	15.9	U	
937EX036(7.0)10	01/04/99	1,2-Dichlorobenzene	0.007	2,100	U	
937EX036(7.0)10	01/04/99	1,3-Dichlorobenzene	0.007	1,500	U	
937EX036(7.0)10	01/04/99	1,4-Dichlorobenzene	0.007	10.8	U	
937EX036(7.0)10	01/04/99	1,1-Dichloroethane	0.007	1,500	U	
937EX036(7.0)10	01/04/99	1,2-Dichloroethane	0.007	0.75	U	
937EX036(7.0)10	01/04/99	1,1-Dichloroethene	0.007	0.111	U	
937EX036(7.0)10	01/04/99	1,2-Dichloropropane	0.007	0.93	U	
937EX036(7.0)10	01/04/99	1,3-Dichloropropene	0.014	0.75	U	
937EX036(7.0)10	01/04/99	2-Hexanone	0.014	NA	U	
937EX036(7.0)10	01/04/99	4-Methyl-2-Pentanone	0.014	2,310	U	
937EX036(7.0)10	01/04/99	Styrene	0.007	2,040	U	
937EX036(7.0)10	01/04/99	1,1,2,2-Tetrachloroethane	0.007	1.35	U	
937EX036(7.0)10	01/04/99	Tetrachloroethene	0.007	15	U	
937EX036(7.0)10	01/04/99	1,1,1-Trichloroethane	0.007	3,600	U	
937EX036(7.0)10	01/04/99	1,1,2-Trichloroethane	0.007	1.95	U	

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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 39 of 62)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX036(7.0)10	01/04/99	Trichlorofluoromethane	0.007	1,140	UJ	
937EX036(7.0)10	01/04/99	Vinyl Acetate	0.014	2,340	UJ	
937EX036(7.0)10	01/04/99	Gasoline	1.4	1,690	U	
937EX036(7.0)10	01/04/99	Diesel	66	1,950	J	
937EX036(7.0)10	01/04/99	Fuel Oil	370	2,730	J	
937EX036(7.0)10	01/04/99	Benzene	0.007	1.0	U	
937EX036(7.0)10	01/04/99	Toluene	0.007	14	U	
937EX036(7.0)10	01/04/99	Ethylbenzene	0.007	19	U	
937EX036(7.0)10	01/04/99	Xylenes (Total)	0.014	4,340	U	
937EX036(7.0)10	01/04/99	Total Carcinogenic PAHs	0.0278	253	U	
937EX036(7.0)10	01/04/99	Benzo(a)anthracene	0.0046	See Total	U	
937EX036(7.0)10	01/04/99	Benzo(a)pyrene	0.0046	9.0	U	
937EX036(7.0)10	01/04/99	Benzo(b)fluoranthene	0.0094	See Total	U	
937EX036(7.0)10	01/04/99	Benzo(k)fluoranthene	0.0046	See Total	U	
937EX036(7.0)10	01/04/99	Chrysene	0.0046	See Total	U	
937EX036(7.0)10	01/04/99	Anthracene	0.47	1,120	U	
937EX036(7.0)10	01/04/99	Benzo(g,h,i)perylene	0.0094	19,500	U	
937EX036(7.0)10	01/04/99	Fluoranthene	0.47	1,160	U	
937EX036(7.0)10	01/04/99	Fluorene	0.47	220	U	
937EX036(7.0)10	01/04/99	Naphthalene	0.47	140	U	
937EX036(7.0)10	01/04/99	Phenanthrene	0.47	410	U	
937EX036(7.0)10	01/04/99	Pyrene	0.47	910	U	
937EX036(7.0)10	01/04/99	PCBs (Total)	0.77	1.0	U	
937EX036(7.0)10	01/04/99	Arochlor 1016	0.11	See Total	U	
937EX036(7.0)10	01/04/99	Arochlor 1221	0.11	See Total	U	
937EX036(7.0)10	01/04/99	Arochlor 1232	0.11	See Total	U	
937EX036(7.0)10	01/04/99	Arochlor 1242	0.11	See Total	U	
937EX036(7.0)10	01/04/99	Arochlor 1248	0.11	See Total	U	
937EX036(7.0)10	01/04/99	Arochlor 1254	0.11	See Total	U	
937EX036(7.0)10	01/04/99	Arochlor 1260	0.11	See Total	U	
937EX036(7.0)10	01/04/99	Cadmium	0.14	3.99	UJ	
937EX036(7.0)10	01/04/99	Chromium	160	1,300		
937EX036(7.0)10	01/04/99	Copper	23	88		
937EX036(7.0)10	01/04/99	Lead	250	477		
937EX036(7.0)10	01/04/99	Mercury	0.1	2.79		
937EX036(7.0)10	01/04/99	Nickel	220	5,500	J-	
937EX036(7.0)10	01/04/99	Zinc	52	89		
937EX037(8.0)	01/04/99	cis-1,2-Dichloroethene	24	467	U	
937EX037(8.0)	01/04/99	trans-1,2-Dichloroethene	0.007	1,027	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 40 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX037(8.0)	01/04/99	Trichloroethene	0.007	1.3	U	
937EX037(8.0)	01/04/99	Vinyl Chloride	0.014	3.0	U	
937EX037(8.0)	01/04/99	Methylene Chloride	0.035	54	U	
937EX037(8.0)	01/04/99	Acetone	0.035	6,300	U	
937EX037(8.0)	01/04/99	Bromodichloromethane	0.007	1.89	U	
937EX037(8.0)	01/04/99	Bromoform	0.007	168	U	
937EX037(8.0)	01/04/99	Bromomethane	0.014	20.4	U	
937EX037(8.0)	01/04/99	2-Butanone	0.014	21,300	U	
937EX037(8.0)	01/04/99	Carbon Disulfide	0.007	22.5	U	
937EX037(8.0)	01/04/99	Carbon Tetrachloride	0.007	0.69	U	
937EX037(8.0)	01/04/99	Chlorobenzene	0.007	195	U	
937EX037(8.0)	01/04/99	Chloroethane	0.014	3,300	U	
937EX037(8.0)	01/04/99	Chloroform	0.007	0.75	U	
937EX037(8.0)	01/04/99	Chloromethane	0.014	3.6	U	
937EX037(8.0)	01/04/99	Dibromochloromethane	0.007	15.9	U	
937EX037(8.0)	01/04/99	1,2-Dichlorobenzene	0.007	2,100	U	
937EX037(8.0)	01/04/99	1,3-Dichlorobenzene	0.007	1,500	U	
937EX037(8.0)	01/04/99	1,4-Dichlorobenzene	0.007	10.8	U	
937EX037(8.0)	01/04/99	1,1-Dichloroethane	0.007	1,500	U	
937EX037(8.0)	01/04/99	1,2-Dichloroethane	0.007	0.75	U	
937EX037(8.0)	01/04/99	1,1-Dichloroethene	0.007	0.111	U	
937EX037(8.0)	01/04/99	1,2-Dichloropropane	0.007	0.93	U	
937EX037(8.0)	01/04/99	1,3-Dichloropropene	0.014	0.75	U	
937EX037(8.0)	01/04/99	2-Hexanone	0.014	NA	U	
937EX037(8.0)	01/04/99	4-Methyl-2-Pentanone	0.014	2,310	U	
937EX037(8.0)	01/04/99	Styrene	0.007	2,040	U	
937EX037(8.0)	01/04/99	1,1,2,2-Tetrachloroethane	0.007	1.35	U	
937EX037(8.0)	01/04/99	Tetrachloroethene	0.007	15	U	
937EX037(8.0)	01/04/99	1,1,1-Trichloroethane	0.007	3,600	U	
937EX037(8.0)	01/04/99	1,1,2-Trichloroethane	0.007	1.95	U	
937EX037(8.0)	01/04/99	Trichlorofluoromethane	0.007	1,140	U	
937EX037(8.0)	01/04/99	Vinyl Acetate	0.014	2,340	U	
937EX037(8.0)	01/04/99	Gasoline	24	1,690	J+	
937EX037(8.0)	01/04/99	Diesel	76	1,950	J	
937EX037(8.0)	01/04/99	Fuel Oil	180	2,730	J	
937EX037(8.0)	01/04/99	Benzene	0.007	1.0	U	
937EX037(8.0)	01/04/99	Toluene	0.007	14	U	
937EX037(8.0)	01/04/99	Ethylbenzene	0.007	19	U	
937EX037(8.0)	01/04/99	Xylenes (Total)	0.014	4,340	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 41 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX037(8.0)	01/04/99	Total Carcinogenic PAHs	0.0278	253	U	
937EX037(8.0)	01/04/99	Benzo(a)anthracene	0.0046	See Total	U	
937EX037(8.0)	01/04/99	Benzo(a)pyrene	0.0046	9.0	U	
937EX037(8.0)	01/04/99	Benzo(b)fluoranthene	0.0094	See Total	U	
937EX037(8.0)	01/04/99	Benzo(k)fluoranthene	0.0046	See Total	U	
937EX037(8.0)	01/04/99	Chrysene	0.0046	See Total	U	
937EX037(8.0)	01/04/99	Anthracene	0.47	1,120	U	
937EX037(8.0)	01/04/99	Benzo(g,h,i)perylene	0.0094	19,500	U	
937EX037(8.0)	01/04/99	Fluoranthene	0.47	1,160	U	
937EX037(8.0)	01/04/99	Fluorene	0.47	220	U	
937EX037(8.0)	01/04/99	Naphthalene	0.47	140	U	
937EX037(8.0)	01/04/99	Phenanthrene	0.47	410	U	
937EX037(8.0)	01/04/99	Pyrene	0.47	910	U	
937EX037(8.0)	01/04/99	PCBs (Total)	0.77	1.0	UJ	
937EX037(8.0)	01/04/99	Arochlor 1016	0.11	See Total	UJ	
937EX037(8.0)	01/04/99	Arochlor 1221	0.11	See Total	UJ	
937EX037(8.0)	01/04/99	Arochlor 1232	0.11	See Total	UJ	
937EX037(8.0)	01/04/99	Arochlor 1242	0.11	See Total	UJ	
937EX037(8.0)	01/04/99	Arochlor 1248	0.11	See Total	UJ	
937EX037(8.0)	01/04/99	Arochlor 1254	0.11	See Total	UJ	
937EX037(8.0)	01/04/99	Arochlor 1260	0.11	See Total	UJ	
937EX037(8.0)	01/04/99	Cadmium	0.13	3.99	UJ	
937EX037(8.0)	01/04/99	Chromium	150	1,300		
937EX037(8.0)	01/04/99	Copper	27	88		
937EX037(8.0)	01/04/99	Lead	7.6	477		
937EX037(8.0)	01/04/99	Mercury	0.086	2.79		
937EX037(8.0)	01/04/99	Nickel	180	5,500	J-	
937EX037(8.0)	01/04/99	Zinc	58	89		
937EX038(8.0)	01/04/99	cis-1,2-Dichloroethene	0.0058	467	U	
937EX038(8.0)	01/04/99	trans-1,2-Dichloroethene	0.0058	1,027	U	
937EX038(8.0)	01/04/99	Trichloroethene	0.0058	1.3	U	
937EX038(8.0)	01/04/99	Vinyl Chloride	0.012	3.0	U	
937EX038(8.0)	01/04/99	Methylene Chloride	0.029	54	U	
937EX038(8.0)	01/04/99	Acetone	0.043	6,300		
937EX038(8.0)	01/04/99	Bromodichloromethane	0.0058	1.89	U	
937EX038(8.0)	01/04/99	Bromoform	0.0058	168	U	
937EX038(8.0)	01/04/99	Bromomethane	0.012	20.4	U	
937EX038(8.0)	01/04/99	2-Butanone	0.012	21,300	U	
937EX038(8.0)	01/04/99	Carbon Disulfide	0.0058	22.5	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 42 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX038(8.0)	01/04/99	Carbon Tetrachloride	0.0058	0.69	U	
937EX038(8.0)	01/04/99	Chlorobenzene	0.0058	195	U	
937EX038(8.0)	01/04/99	Chloroethane	0.012	3,300	U	
937EX038(8.0)	01/04/99	Chloroform	0.0058	0.75	U	
937EX038(8.0)	01/04/99	Chloromethane	0.012	3.6	U	
937EX038(8.0)	01/04/99	Dibromochloromethane	0.0058	15.9	U	
937EX038(8.0)	01/04/99	1,2-Dichlorobenzene	0.0058	2,100	U	
937EX038(8.0)	01/04/99	1,3-Dichlorobenzene	0.0058	1,500	U	
937EX038(8.0)	01/04/99	1,4-Dichlorobenzene	0.0058	10.8	U	
937EX038(8.0)	01/04/99	1,1-Dichloroethane	0.0058	1,500	U	
937EX038(8.0)	01/04/99	1,2-Dichloroethane	0.0058	0.75	U	
937EX038(8.0)	01/04/99	1,1-Dichloroethene	0.0058	0.111	U	
937EX038(8.0)	01/04/99	1,2-Dichloropropane	0.0058	0.93	U	
937EX038(8.0)	01/04/99	1,3-Dichloropropene	0.0116	0.75	U	
937EX038(8.0)	01/04/99	2-Hexanone	0.012	NA	U	
937EX038(8.0)	01/04/99	4-Methyl-2-Pentanone	0.012	2,310	U	
937EX038(8.0)	01/04/99	Styrene	0.0058	2,040	U	
937EX038(8.0)	01/04/99	1,1,2,2-Tetrachloroethane	0.0058	1.35	U	
937EX038(8.0)	01/04/99	Tetrachloroethene	0.0058	15	U	
937EX038(8.0)	01/04/99	1,1,1-Trichloroethane	0.0058	3,600	U	
937EX038(8.0)	01/04/99	1,1,2-Trichloroethane	0.0058	1.95	U	
937EX038(8.0)	01/04/99	Trichlorofluoromethane	0.0058	1,140	U	
937EX038(8.0)	01/04/99	Vinyl Acetate	0.012	2,340	U	
937EX038(8.0)	01/04/99	Gasoline	1.2	1,690	U	
937EX038(8.0)	01/04/99	Diesel	70	1,950	J	
937EX038(8.0)	01/04/99	Fuel Oil	420	2,730	J	
937EX038(8.0)	01/04/99	Benzene	0.0058	1.0	U	
937EX038(8.0)	01/04/99	Toluene	0.0058	14	U	
937EX038(8.0)	01/04/99	Ethylbenzene	0.0058	19	U	
937EX038(8.0)	01/04/99	Xylenes (Total)	0.0116	4,340	U	
937EX038(8.0)	01/04/99	Total Carcinogenic PAHs	0.0704	253	J	
937EX038(8.0)	01/04/99	Benzo(a)anthracene	0.0038	See Total	U	
937EX038(8.0)	01/04/99	Benzo(a)pyrene	0.0038	9.0	U	
937EX038(8.0)	01/04/99	Benzo(b)fluoranthene	0.018	See Total	J	
937EX038(8.0)	01/04/99	Benzo(k)fluoranthene	0.0038	See Total	U	
937EX038(8.0)	01/04/99	Chrysene	0.041	See Total	J	
937EX038(8.0)	01/04/99	Anthracene	0.39	1,120	U	
937EX038(8.0)	01/04/99	Benzo(g,h,i)perylene	0.0078	19,500	U	
937EX038(8.0)	01/04/99	Fluoranthene	0.39	1,160	U	

Footnotes at end of table.

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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 43 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX038(8.0)	01/04/99	Fluorene	0.39	220	U	
937EX038(8.0)	01/04/99	Naphthalene	0.39	140	U	
937EX038(8.0)	01/04/99	Phenanthrene	0.39	410	U	
937EX038(8.0)	01/04/99	Pyrene	0.39	910	U	
937EX038(8.0)	01/04/99	PCBs (Total)	0.651	1.0	UJ	
937EX038(8.0)	01/04/99	Arochlor 1016	0.093	See Total	UJ	
937EX038(8.0)	01/04/99	Arochlor 1221	0.093	See Total	UJ	
937EX038(8.0)	01/04/99	Arochlor 1232	0.093	See Total	UJ	
937EX038(8.0)	01/04/99	Arochlor 1242	0.093	See Total	UJ	
937EX038(8.0)	01/04/99	Arochlor 1248	0.093	See Total	UJ	
937EX038(8.0)	01/04/99	Arochlor 1254	0.093	See Total	UJ	
937EX038(8.0)	01/04/99	Arochlor 1260	0.093	See Total	UJ	
937EX038(8.0)	01/04/99	Cadmium	0.23	3.99	J-	
937EX038(8.0)	01/04/99	Chromium	290	1,300		
937EX038(8.0)	01/04/99	Copper	28	88		
937EX038(8.0)	01/04/99	Lead	98	477		
937EX038(8.0)	01/04/99	Mercury	0.046	2.79	U	
937EX038(8.0)	01/04/99	Nickel	270	5,500	J-	
937EX038(8.0)	01/04/99	Zinc	94	89		Exceeds cleanup level
937EX039(8.0)	01/04/99	cis-1,2-Dichloroethene	0.0068	467	U	
937EX039(8.0)	01/04/99	trans-1,2-Dichloroethene	0.0068	1,027	U	
937EX039(8.0)	01/04/99	Trichloroethene	0.0068	1.3	U	
937EX039(8.0)	01/04/99	Vinyl Chloride	0.014	3.0	U	
937EX039(8.0)	01/04/99	Methylene Chloride	0.034	54	U	
937EX039(8.0)	01/04/99	Acetone	0.034	6,300	U	
937EX039(8.0)	01/04/99	Bromodichloromethane	0.0068	1.89	U	
937EX039(8.0)	01/04/99	Bromoform	0.0068	168	U	
937EX039(8.0)	01/04/99	Bromomethane	0.014	20.4	U	
937EX039(8.0)	01/04/99	2-Butanone	0.014	21,300	U	
937EX039(8.0)	01/04/99	Carbon Disulfide	0.0068	22.5	U	
937EX039(8.0)	01/04/99	Carbon Tetrachloride	0.0068	0.69	U	
937EX039(8.0)	01/04/99	Chlorobenzene	0.0068	195	U	
937EX039(8.0)	01/04/99	Chloroethane	0.014	3,300	U	
937EX039(8.0)	01/04/99	Chloroform	0.0068	0.75	U	
937EX039(8.0)	01/04/99	Chloromethane	0.014	3.6	U	
937EX039(8.0)	01/04/99	Dibromochloromethane	0.0068	15.9	U	
937EX039(8.0)	01/04/99	1,2-Dichlorobenzene	0.0068	2,100	U	
937EX039(8.0)	01/04/99	1,3-Dichlorobenzene	0.0068	1,500	U	
937EX039(8.0)	01/04/99	1,4-Dichlorobenzene	0.0068	10.8	U	

Footnotes at end of table.
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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 44 of 62)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX039(8.0)	01/04/99	1,1-Dichloroethane	0.0068	1,500	U	
937EX039(8.0)	01/04/99	1,2-Dichloroethane	0.0068	0.75	U	
937EX039(8.0)	01/04/99	1,1-Dichloroethene	0.0068	0.111	U	
937EX039(8.0)	01/04/99	1,2-Dichloropropane	0.0068	0.93	U	
937EX039(8.0)	01/04/99	1,3-Dichloropropene	0.0136	0.75	U	
937EX039(8.0)	01/04/99	2-Hexanone	0.014	NA	U	
937EX039(8.0)	01/04/99	4-Methyl-2-Pentanone	0.014	2,310	U	
937EX039(8.0)	01/04/99	Styrene	0.0068	2,040	U	
937EX039(8.0)	01/04/99	1,1,2,2-Tetrachloroethane	0.0068	1.35	U	
937EX039(8.0)	01/04/99	Tetrachloroethene	0.0068	15	U	
937EX039(8.0)	01/04/99	1,1,1-Trichloroethane	0.0068	3,600	U	
937EX039(8.0)	01/04/99	1,1,2-Trichloroethane	0.0068	1.95	U	
937EX039(8.0)	01/04/99	Trichlorofluoromethane	0.0068	1,140	U	
937EX039(8.0)	01/04/99	Vinyl Acetate	0.014	2,340	U	
937EX039(8.0)	01/04/99	Gasoline	1.4	1,690	U	
937EX039(8.0)	01/04/99	Diesel	1.4	1,950	U	
937EX039(8.0)	01/04/99	Fuel Oil	11	2,730	J	
937EX039(8.0)	01/04/99	Benzene	0.0068	1.0	U	
937EX039(8.0)	01/04/99	Toluene	0.0068	14	U	
937EX039(8.0)	01/04/99	Ethylbenzene	0.0068	19	U	
937EX039(8.0)	01/04/99	Xylenes (Total)	0.0136	4,340	U	
937EX039(8.0)	01/04/99	Total Carcinogenic PAHs	0.0271	253	U	
937EX039(8.0)	01/04/99	Benzo(a)anthracene	0.0045	See Total	U	
937EX039(8.0)	01/04/99	Benzo(a)pyrene	0.0045	9.0	U	
937EX039(8.0)	01/04/99	Benzo(b)fluoranthene	0.0091	See Total	U	
937EX039(8.0)	01/04/99	Benzo(k)fluoranthene	0.0045	See Total	U	
937EX039(8.0)	01/04/99	Chrysene	0.0045	See Total	U	
937EX039(8.0)	01/04/99	Anthracene	0.45	1,120	U	
937EX039(8.0)	01/04/99	Benzo(g,h,i)perylene	0.0091	19,500	U	
937EX039(8.0)	01/04/99	Fluoranthene	0.45	1,160	U	
937EX039(8.0)	01/04/99	Fluorene	0.45	220	U	
937EX039(8.0)	01/04/99	Naphthalene	0.45	140	U	
937EX039(8.0)	01/04/99	Phenanthrene	0.45	410	U	
937EX039(8.0)	01/04/99	Pyrene	0.45	910	U	
937EX039(8.0)	01/04/99	PCBs (Total)	0.77	1.0	U	
937EX039(8.0)	01/04/99	Arochlor 1016	0.11	See Total	U	
937EX039(8.0)	01/04/99	Arochlor 1221	0.11	See Total	U	
937EX039(8.0)	01/04/99	Arochlor 1232	0.11	See Total	U	
937EX039(8.0)	01/04/99	Arochlor 1242	0.11	See Total	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 45 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX039(8.0)	01/04/99	Arochlor 1248	0.11	See Total	U	
937EX039(8.0)	01/04/99	Arochlor 1254	0.11	See Total	U	
937EX039(8.0)	01/04/99	Arochlor 1260	0.11	See Total	U	
937EX039(8.0)	01/04/99	Cadmium	0.13	3.99	UJ	
937EX039(8.0)	01/04/99	Chromium	120	1,300		
937EX039(8.0)	01/04/99	Copper	21	88		
937EX039(8.0)	01/04/99	Lead	7.4	477		
937EX039(8.0)	01/04/99	Mercury	0.062	2.79		
937EX039(8.0)	01/04/99	Nickel	150	5,500	J-	
937EX039(8.0)	01/04/99	Zinc	47	89		
937EX040(8.0)	01/04/99	cis-1,2-Dichloroethene	0.0063	467	U	
937EX040(8.0)	01/04/99	trans-1,2-Dichloroethene	0.0063	1,027	U	
937EX040(8.0)	01/04/99	Trichloroethene	0.0063	1.3	U	
937EX040(8.0)	01/04/99	Vinyl Chloride	0.013	3.0	U	
937EX040(8.0)	01/04/99	Methylene Chloride	0.031	54	U	
937EX040(8.0)	01/04/99	Acetone	0.031	6,300	U	
937EX040(8.0)	01/04/99	Bromodichloromethane	0.0063	1.89	U	
937EX040(8.0)	01/04/99	Bromoform	0.0063	168	U	
937EX040(8.0)	01/04/99	Bromomethane	0.013	20.4	U	
937EX040(8.0)	01/04/99	2-Butanone	0.013	21,300	U	
937EX040(8.0)	01/04/99	Carbon Disulfide	0.0063	22.5	U	
937EX040(8.0)	01/04/99	Carbon Tetrachloride	0.0063	0.69	U	
937EX040(8.0)	01/04/99	Chlorobenzene	0.012	195		
937EX040(8.0)	01/04/99	Chloroethane	0.013	3,300	U	
937EX040(8.0)	01/04/99	Chloroform	0.0063	0.75	U	
937EX040(8.0)	01/04/99	Chloromethane	0.013	3.6	U	
937EX040(8.0)	01/04/99	Dibromochloromethane	0.0063	15.9	U	
937EX040(8.0)	01/04/99	1,2-Dichlorobenzene	0.0063	2,100	U	
937EX040(8.0)	01/04/99	1,3-Dichlorobenzene	0.0063	1,500	U	
937EX040(8.0)	01/04/99	1,4-Dichlorobenzene	0.0063	10.8	U	
937EX040(8.0)	01/04/99	1,1-Dichloroethane	0.0063	1,500	U	
937EX040(8.0)	01/04/99	1,2-Dichloroethane	0.0063	0.75	U	
937EX040(8.0)	01/04/99	1,1-Dichloroethene	0.0063	0.111	U	
937EX040(8.0)	01/04/99	1,2-Dichloropropane	0.0063	0.93	U	
937EX040(8.0)	01/04/99	1,3-Dichloropropene	0.0126	0.75	U	
937EX040(8.0)	01/04/99	2-Hexanone	0.013	NA	U	
937EX040(8.0)	01/04/99	4-Methyl-2-Pentanone	0.013	2,310	U	
937EX040(8.0)	01/04/99	Styrene	0.0063	2,040	U	
937EX040(8.0)	01/04/99	1,1,2,2-Tetrachloroethane	0.0063	1.35	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 46 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX040(8.0)	01/04/99	Tetrachloroethene	0.0063	15	U	
937EX040(8.0)	01/04/99	1,1,1-Trichloroethane	0.0063	3,600	U	
937EX040(8.0)	01/04/99	1,1,2-Trichloroethane	0.0063	1.95	U	
937EX040(8.0)	01/04/99	Trichlorofluoromethane	0.0063	1,140	U	
937EX040(8.0)	01/04/99	Vinyl Acetate	0.013	2,340	U	
937EX040(8.0)	01/04/99	Gasoline	1.3	1,690	U	
937EX040(8.0)	01/04/99	Diesel	1.3	1,950	U	
937EX040(8.0)	01/04/99	Fuel Oil	6.3	2,730	U	
937EX040(8.0)	01/04/99	Benzene	0.0063	1.0	U	
937EX040(8.0)	01/04/99	Toluene	0.0063	14	U	
937EX040(8.0)	01/04/99	Ethylbenzene	0.0063	19	U	
937EX040(8.0)	01/04/99	Xylenes (Total)	0.0126	4,340	U	
937EX040(8.0)	01/04/99	Total Carcinogenic PAHs	0.0248	253	U	
937EX040(8.0)	01/04/99	Benzo(a)anthracene	0.0041	See Total	U	
937EX040(8.0)	01/04/99	Benzo(a)pyrene	0.0041	9.0	U	
937EX040(8.0)	01/04/99	Benzo(b)fluoranthene	0.0084	See Total	U	
937EX040(8.0)	01/04/99	Benzo(k)fluoranthene	0.0041	See Total	U	
937EX040(8.0)	01/04/99	Chrysene	0.0041	See Total	U	
937EX040(8.0)	01/04/99	Anthracene	0.42	1,120	U	
937EX040(8.0)	01/04/99	Benzo(g,h,i)perylene	0.0084	19,500	U	
937EX040(8.0)	01/04/99	Fluoranthene	0.42	1,160	U	
937EX040(8.0)	01/04/99	Fluorene	0.42	220	U	
937EX040(8.0)	01/04/99	Naphthalene	0.42	140	U	
937EX040(8.0)	01/04/99	Phenanthrene	0.42	410	U	
937EX040(8.0)	01/04/99	Pyrene	0.42	910	U	
937EX040(8.0)	01/04/99	PCBs (Total)	0.7	1.0	U	
937EX040(8.0)	01/04/99	Arochlor 1016	0.1	See Total	U	
937EX040(8.0)	01/04/99	Arochlor 1221	0.1	See Total	U	
937EX040(8.0)	01/04/99	Arochlor 1232	0.1	See Total	U	
937EX040(8.0)	01/04/99	Arochlor 1242	0.1	See Total	U	
937EX040(8.0)	01/04/99	Arochlor 1248	0.1	See Total	U	
937EX040(8.0)	01/04/99	Arochlor 1254	0.1	See Total	U	
937EX040(8.0)	01/04/99	Arochlor 1260	0.1	See Total	U	
937EX040(8.0)	01/04/99	Cadmium	0.13	3.99	UJ	
937EX040(8.0)	01/04/99	Chromium	120	1,300		
937EX040(8.0)	01/04/99	Copper	3.8	88		
937EX040(8.0)	01/04/99	Lead	4.1	477		
937EX040(8.0)	01/04/99	Mercury	0.046	2.79	U	
937EX040(8.0)	01/04/99	Nickel	68	5,500	J-	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 47 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX040(8.0)	01/04/99	Zinc	24	89		
937EX041(8.0)	01/04/99	cis-1,2-Dichloroethene	0.0062	467	U	
937EX041(8.0)	01/04/99	trans-1,2-Dichloroethene	0.0062	1,027	U	
937EX041(8.0)	01/04/99	Trichloroethene	0.0062	1.3	U	
937EX041(8.0)	01/04/99	Vinyl Chloride	0.012	3.0	U	
937EX041(8.0)	01/04/99	Methylene Chloride	0.031	54	U	
937EX041(8.0)	01/04/99	Acetone	0.031	6,300	U	
937EX041(8.0)	01/04/99	Bromodichloromethane	0.0062	1.89	U	
937EX041(8.0)	01/04/99	Bromoform	0.0062	168	U	
937EX041(8.0)	01/04/99	Bromomethane	0.012	20.4	U	
937EX041(8.0)	01/04/99	2-Butanone	0.012	21,300	U	
937EX041(8.0)	01/04/99	Carbon Disulfide	0.0062	22.5	U	
937EX041(8.0)	01/04/99	Carbon Tetrachloride	0.0062	0.69	U	
937EX041(8.0)	01/04/99	Chlorobenzene	0.0062	195	U	
937EX041(8.0)	01/04/99	Chloroethane	0.012	3,300	U	
937EX041(8.0)	01/04/99	Chloroform	0.0062	0.75	U	
937EX041(8.0)	01/04/99	Chloromethane	0.012	3.6	U	
937EX041(8.0)	01/04/99	Dibromochloromethane	0.0062	15.9	U	
937EX041(8.0)	01/04/99	1,2-Dichlorobenzene	0.0062	2,100	U	
937EX041(8.0)	01/04/99	1,3-Dichlorobenzene	0.0062	1,500	U	
937EX041(8.0)	01/04/99	1,4-Dichlorobenzene	0.0062	10.8	U	
937EX041(8.0)	01/04/99	1,1-Dichloroethane	0.0062	1,500	U	
937EX041(8.0)	01/04/99	1,2-Dichloroethane	0.0062	0.75	U	
937EX041(8.0)	01/04/99	1,1-Dichloroethene	0.0062	0.111	U	
937EX041(8.0)	01/04/99	1,2-Dichloropropane	0.0062	0.93	U	
937EX041(8.0)	01/04/99	1,3-Dichloropropene	0.0124	0.75	U	
937EX041(8.0)	01/04/99	2-Hexanone	0.012	NA	U	
937EX041(8.0)	01/04/99	4-Methyl-2-Pentanone	0.012	2,310	U	
937EX041(8.0)	01/04/99	Styrene	0.0062	2,040	U	
937EX041(8.0)	01/04/99	1,1,2,2-Tetrachloroethane	0.0062	1.35	U	
937EX041(8.0)	01/04/99	Tetrachloroethene	0.0062	15	U	
937EX041(8.0)	01/04/99	1,1,1-Trichloroethane	0.0062	3,600	U	
937EX041(8.0)	01/04/99	1,1,2-Trichloroethane	0.0062	1.95	U	
937EX041(8.0)	01/04/99	Trichlorofluoromethane	0.0062	1,140	U	
937EX041(8.0)	01/04/99	Vinyl Acetate	0.012	2,340	U	
937EX041(8.0)	01/04/99	Gasoline	1.2	1,690	U	
937EX041(8.0)	01/04/99	Diesel	1.2	1,950	U	
937EX041(8.0)	01/04/99	Fuel Oil	6.2	2,730	U	
937EX041(8.0)	01/04/99	Benzene	0.0062	1.0	U	

Footnotes at end of table.
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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 48 of 62)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX041(8.0)	01/04/99	Toluene	0.0062	14	U	
937EX041(8.0)	01/04/99	Ethylbenzene	0.0062	19	U	
937EX041(8.0)	01/04/99	Xylenes (Total)	0.0124	4,340	U	
937EX041(8.0)	01/04/99	Total Carcinogenic PAHs	0.0247	253	U	
937EX041(8.0)	01/04/99	Benzo(a)anthracene	0.0041	See Total	U	
937EX041(8.0)	01/04/99	Benzo(a)pyrene	0.0041	9.0	U	
937EX041(8.0)	01/04/99	Benzo(b)fluoranthene	0.0083	See Total	U	
937EX041(8.0)	01/04/99	Benzo(k)fluoranthene	0.0041	See Total	U	
937EX041(8.0)	01/04/99	Chrysene	0.0041	See Total	U	
937EX041(8.0)	01/04/99	Anthracene	0.41	1,120	U	
937EX041(8.0)	01/04/99	Benzo(g,h,i)perylene	0.0083	19,500	U	
937EX041(8.0)	01/04/99	Fluoranthene	0.41	1,160	U	
937EX041(8.0)	01/04/99	Fluorene	0.41	220	U	
937EX041(8.0)	01/04/99	Naphthalene	0.41	140	U	
937EX041(8.0)	01/04/99	Phenanthrene	0.41	410	U	
937EX041(8.0)	01/04/99	Pyrene	0.41	910	U	
937EX041(8.0)	01/04/99	PCBs (Total)	0.693	1.0	UJ	
937EX041(8.0)	01/04/99	Arochlor 1016	0.099	See Total	UJ	
937EX041(8.0)	01/04/99	Arochlor 1221	0.099	See Total	UJ	
937EX041(8.0)	01/04/99	Arochlor 1232	0.099	See Total	UJ	
937EX041(8.0)	01/04/99	Arochlor 1242	0.099	See Total	UJ	
937EX041(8.0)	01/04/99	Arochlor 1248	0.099	See Total	UJ	
937EX041(8.0)	01/04/99	Arochlor 1254	0.099	See Total	UJ	
937EX041(8.0)	01/04/99	Arochlor 1260	0.099	See Total	UJ	
937EX041(8.0)	01/04/99	Cadmium	0.12	3.99	UJ	
937EX041(8.0)	01/04/99	Chromium	78	1,300		
937EX041(8.0)	01/04/99	Copper	2.8	88		
937EX041(8.0)	01/04/99	Lead	2.2	477		
937EX041(8.0)	01/04/99	Mercury	0.047	2.79	U	
937EX041(8.0)	01/04/99	Nickel	32	5,500	J-	
937EX041(8.0)	01/04/99	Zinc	15	89		
Excavation 2						
937EX014(4.0)	07/21/98	cis-1,2-Dichloroethene	0.0052	467	U	
937EX014(4.0)	07/21/98	trans-1,2-Dichloroethene	0.0052	1,027	U	
937EX014(4.0)	07/21/98	Trichloroethene	0.0052	1.3	U	
937EX014(4.0)	07/21/98	Vinyl Chloride	0.01	3.0	U	
937EX014(4.0)	07/21/98	Methylene Chloride	0.026	54	UJ	
937EX014(4.0)	07/21/98	Acetone	0.026	6,300	U	
937EX014(4.0)	07/21/98	Bromodichloromethane	0.0052	1.89	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 49 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX014(4.0)	07/21/98	Bromoform	0.0052	168	U	
937EX014(4.0)	07/21/98	Bromomethane	0.01	20.4	U	
937EX014(4.0)	07/21/98	2-Butanone	0.01	21,300	U	
937EX014(4.0)	07/21/98	Carbon Disulfide	0.0052	22.5	U	
937EX014(4.0)	07/21/98	Carbon Tetrachloride	0.0052	0.69	U	
937EX014(4.0)	07/21/98	Chlorobenzene	0.0052	195	U	
937EX014(4.0)	07/21/98	Chloroethane	0.01	3,300	U	
937EX014(4.0)	07/21/98	Chloroform	0.0052	0.75	U	
937EX014(4.0)	07/21/98	Chloromethane	0.01	3.6	U	
937EX014(4.0)	07/21/98	Dibromochloromethane	0.0052	15.9	U	
937EX014(4.0)	07/21/98	1,2-Dichlorobenzene	0.0052	2,100	U	
937EX014(4.0)	07/21/98	1,3-Dichlorobenzene	0.0052	1,500	U	
937EX014(4.0)	07/21/98	1,4-Dichlorobenzene	0.0052	10.8	U	
937EX014(4.0)	07/21/98	1,1-Dichloroethane	0.0052	1,500	U	
937EX014(4.0)	07/21/98	1,2-Dichloroethane	0.0052	0.75	U	
937EX014(4.0)	07/21/98	1,1-Dichloroethene	0.0052	0.111	U	
937EX014(4.0)	07/21/98	1,2-Dichloropropane	0.0052	0.93	U	
937EX014(4.0)	07/21/98	1,3-Dichloropropene	0.0104	0.75	U	
937EX014(4.0)	07/21/98	2-Hexanone	0.01	NA	U	
937EX014(4.0)	07/21/98	4-Methyl-2-Pentanone	0.01	2,310	U	
937EX014(4.0)	07/21/98	Styrene	0.0052	2,040	U	
937EX014(4.0)	07/21/98	1,1,2,2-Tetrachloroethane	0.0052	1.35	U	
937EX014(4.0)	07/21/98	Tetrachloroethene	0.0052	15	U	
937EX014(4.0)	07/21/98	1,1,1-Trichloroethane	0.0052	3,600	U	
937EX014(4.0)	07/21/98	1,1,2-Trichloroethane	0.0052	1.95	U	
937EX014(4.0)	07/21/98	Trichlorofluoromethane	0.0052	1,140	U	
937EX014(4.0)	07/21/98	Vinyl Acetate	0.01	2,340	U	
937EX014(4.0)	07/21/98	Gasoline	1	1,690	U	
937EX014(4.0)	07/21/98	Diesel	8.2	1,950		
937EX014(4.0)	07/21/98	Fuel Oil	70	2,730		
937EX014(4.0)	07/21/98	Benzene	0.0052	1.0	U	
937EX014(4.0)	07/21/98	Toluene	0.0052	14	U	
937EX014(4.0)	07/21/98	Ethylbenzene	0.0052	19	U	
937EX014(4.0)	07/21/98	Xylenes (Total)	0.0104	4,340	U	
937EX014(4.0)	07/21/98	Total Carcinogenic PAHs	0.437	253	U	
937EX014(4.0)	07/21/98	Benzo(a)anthracene	0.069	See Total	U	
937EX014(4.0)	07/21/98	Benzo(a)pyrene	0.069	9.0	U	
937EX014(4.0)	07/21/98	Benzo(b)fluoranthene	0.14	See Total	U	
937EX014(4.0)	07/21/98	Benzo(k)fluoranthene	0.069	See Total	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 50 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX014(4.0)	07/21/98	Chrysene	0.09	See Total		
937EX015(4.0)	07/21/98	cis-1,2-Dichloroethene	0.0054	467	U	
937EX015(4.0)	07/21/98	trans-1,2-Dichloroethene	0.0054	1,027	U	
937EX015(4.0)	07/21/98	Trichloroethene	0.0054	1.3	U	
937EX015(4.0)	07/21/98	Vinyl Chloride	0.011	3.0	U	
937EX015(4.0)	07/21/98	Methylene Chloride	0.027	54	UJ	
937EX015(4.0)	07/21/98	Acetone	0.027	6,300	U	
937EX015(4.0)	07/21/98	Bromodichloromethane	0.0054	1.89	U	
937EX015(4.0)	07/21/98	Bromoform	0.0054	168	U	
937EX015(4.0)	07/21/98	Bromomethane	0.011	20.4	U	
937EX015(4.0)	07/21/98	2-Butanone	0.011	21,300	U	
937EX015(4.0)	07/21/98	Carbon Disulfide	0.0054	22.5	U	
937EX015(4.0)	07/21/98	Carbon Tetrachloride	0.0054	0.69	U	
937EX015(4.0)	07/21/98	Chlorobenzene	0.0054	195	U	
937EX015(4.0)	07/21/98	Chloroethane	0.011	3,300	U	
937EX015(4.0)	07/21/98	Chloroform	0.0054	0.75	U	
937EX015(4.0)	07/21/98	Chloromethane	0.011	3.6	U	
937EX015(4.0)	07/21/98	Dibromochloromethane	0.0054	15.9	U	
937EX015(4.0)	07/21/98	1,2-Dichlorobenzene	0.0054	2,100	U	
937EX015(4.0)	07/21/98	1,3-Dichlorobenzene	0.0054	1,500	U	
937EX015(4.0)	07/21/98	1,4-Dichlorobenzene	0.0054	10.8	U	
937EX015(4.0)	07/21/98	1,1-Dichloroethane	0.0054	1,500	U	
937EX015(4.0)	07/21/98	1,2-Dichloroethane	0.0054	0.75	U	
937EX015(4.0)	07/21/98	1,1-Dichloroethene	0.0054	0.111	U	
937EX015(4.0)	07/21/98	1,2-Dichloropropane	0.0054	0.93	U	
937EX015(4.0)	07/21/98	1,3-Dichloropropene	0.0108	0.75	U	
937EX015(4.0)	07/21/98	2-Hexanone	0.011	NA	U	
937EX015(4.0)	07/21/98	4-Methyl-2-Pentanone	0.011	2,310	U	
937EX015(4.0)	07/21/98	Styrene	0.0054	2,040	U	
937EX015(4.0)	07/21/98	1,1,2,2-Tetrachloroethane	0.0054	1.35	U	
937EX015(4.0)	07/21/98	Tetrachloroethene	0.0054	15	U	
937EX015(4.0)	07/21/98	1,1,1-Trichloroethane	0.0054	3,600	U	
937EX015(4.0)	07/21/98	1,1,2-Trichloroethane	0.0054	1.95	U	
937EX015(4.0)	07/21/98	Trichlorofluoromethane	0.0054	1,140	U	
937EX015(4.0)	07/21/98	Vinyl Acetate	0.011	2,340	U	
937EX015(4.0)	07/21/98	Gasoline	1.1	1,690	U	
937EX015(4.0)	07/21/98	Diesel	1.1	1,950	U	
937EX015(4.0)	07/21/98	Fuel Oil	6.5	2,730		
937EX015(4.0)	07/21/98	Benzene	0.0054	1.0	U	

Footnotes at end of table.
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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 51 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX015(4.0)	07/21/98	Toluene	0.0054	14	U	
937EX015(4.0)	07/21/98	Ethylbenzene	0.0054	19	U	
937EX015(4.0)	07/21/98	Xylenes (Total)	0.0108	4,340	U	
937EX015(4.0)	07/21/98	Total Carcinogenic PAHs	0.0236	253		
937EX015(4.0)	07/21/98	Benzo(a)anthracene	0.0042	See Total		
937EX015(4.0)	07/21/98	Benzo(a)pyrene	0.0035	9.0	U	
937EX015(4.0)	07/21/98	Benzo(b)fluoranthene	0.0072	See Total	U	
937EX015(4.0)	07/21/98	Benzo(k)fluoranthene	0.0035	See Total	U	
937EX015(4.0)	07/21/98	Chrysene	0.0052	See Total		
937EX015(4.0)DUP	07/21/98	cis-1,2-Dichloroethene	0.0056	467	U	937DUP072198A
937EX015(4.0)DUP	07/21/98	trans-1,2-Dichloroethene	0.0056	1,027	U	
937EX015(4.0)DUP	07/21/98	Trichloroethene	0.0056	1.3	U	
937EX015(4.0)DUP	07/21/98	Vinyl Chloride	0.011	3.0	U	
937EX015(4.0)DUP	07/21/98	Methylene Chloride	0.028	54	UJ	
937EX015(4.0)DUP	07/21/98	Acetone	0.028	6,300	U	
937EX015(4.0)DUP	07/21/98	Bromodichloromethane	0.0056	1.89	U	
937EX015(4.0)DUP	07/21/98	Bromoform	0.0056	168	U	
937EX015(4.0)DUP	07/21/98	Bromomethane	0.011	20.4	U	
937EX015(4.0)DUP	07/21/98	2-Butanone	0.011	21,300	U	
937EX015(4.0)DUP	07/21/98	Carbon Disulfide	0.0056	22.5	U	
937EX015(4.0)DUP	07/21/98	Carbon Tetrachloride	0.0056	0.69	U	
937EX015(4.0)DUP	07/21/98	Chlorobenzene	0.0056	195	U	
937EX015(4.0)DUP	07/21/98	Chloroethane	0.011	3,300	U	
937EX015(4.0)DUP	07/21/98	Chloroform	0.0056	0.75	U	
937EX015(4.0)DUP	07/21/98	Chloromethane	0.011	3.6	U	
937EX015(4.0)DUP	07/21/98	Dibromochloromethane	0.0056	15.9	U	
937EX015(4.0)DUP	07/21/98	1,2-Dichlorobenzene	0.0056	2,100	U	
937EX015(4.0)DUP	07/21/98	1,3-Dichlorobenzene	0.0056	1,500	U	
937EX015(4.0)DUP	07/21/98	1,4-Dichlorobenzene	0.0056	10.8	U	
937EX015(4.0)DUP	07/21/98	1,1-Dichloroethane	0.0056	1,500	U	
937EX015(4.0)DUP	07/21/98	1,2-Dichloroethane	0.0056	0.75	U	
937EX015(4.0)DUP	07/21/98	1,1-Dichloroethene	0.0056	0.111	U	
937EX015(4.0)DUP	07/21/98	1,2-Dichloropropane	0.0056	0.93	U	
937EX015(4.0)DUP	07/21/98	1,3-Dichloropropene	0.0112	0.75	U	
937EX015(4.0)DUP	07/21/98	2-Hexanone	0.011	NA	U	
937EX015(4.0)DUP	07/21/98	4-Methyl-2-Pentanone	0.011	2,310	U	
937EX015(4.0)DUP	07/21/98	Styrene	0.0056	2,040	U	
937EX015(4.0)DUP	07/21/98	1,1,2,2-Tetrachloroethane	0.0056	1.35	U	
937EX015(4.0)DUP	07/21/98	Tetrachloroethene	0.0056	15	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 52 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX015(4.0)DUP	07/21/98	1,1,1-Trichloroethane	0.0056	3,600	U	
937EX015(4.0)DUP	07/21/98	1,1,2-Trichloroethane	0.0056	1.95	U	
937EX015(4.0)DUP	07/21/98	Trichlorofluoromethane	0.0056	1,140	U	
937EX015(4.0)DUP	07/21/98	Vinyl Acetate	0.011	2,340	U	
937EX015(4.0)DUP	07/21/98	Gasoline	1.1	1,690	U	
937EX015(4.0)DUP	07/21/98	Diesel	1.8	1,950		
937EX015(4.0)DUP	07/21/98	Fuel Oil	15	2,730		
937EX015(4.0)DUP	07/21/98	Benzene	0.0056	1.0	U	
937EX015(4.0)DUP	07/21/98	Toluene	0.0056	14	U	
937EX015(4.0)DUP	07/21/98	Ethylbenzene	0.0056	19	U	
937EX015(4.0)DUP	07/21/98	Xylenes (Total)	0.0112	4,340	U	
937EX015(4.0)DUP	07/21/98	Total Carcinogenic PAHs	0.114	253	U	
937EX015(4.0)DUP	07/21/98	Benzo(a)anthracene	0.019	See Total	U	
937EX015(4.0)DUP	07/21/98	Benzo(a)pyrene	0.019	9.0	U	
937EX015(4.0)DUP	07/21/98	Benzo(b)fluoranthene	0.038	See Total	U	
937EX015(4.0)DUP	07/21/98	Benzo(k)fluoranthene	0.019	See Total	U	
937EX015(4.0)DUP	07/21/98	Chrysene	0.019	See Total	U	
937EX016(4.0)	07/21/98	cis-1,2-Dichloroethene	0.0052	467	U	
937EX016(4.0)	07/21/98	trans-1,2-Dichloroethene	0.0052	1,027	U	
937EX016(4.0)	07/21/98	Trichloroethene	0.0052	1.3	U	
937EX016(4.0)	07/21/98	Vinyl Chloride	0.01	3.0	U	
937EX016(4.0)	07/21/98	Methylene Chloride	0.026	54	UJ	
937EX016(4.0)	07/21/98	Acetone	0.026	6,300	U	
937EX016(4.0)	07/21/98	Bromodichloromethane	0.0052	1.89	U	
937EX016(4.0)	07/21/98	Bromoform	0.0052	168	U	
937EX016(4.0)	07/21/98	Bromomethane	0.01	20.4	U	
937EX016(4.0)	07/21/98	2-Butanone	0.01	21,300	U	
937EX016(4.0)	07/21/98	Carbon Disulfide	0.0052	22.5	U	
937EX016(4.0)	07/21/98	Carbon Tetrachloride	0.0052	0.69	U	
937EX016(4.0)	07/21/98	Chlorobenzene	0.0052	195	U	
937EX016(4.0)	07/21/98	Chloroethane	0.01	3,300	U	
937EX016(4.0)	07/21/98	Chloroform	0.0052	0.75	U	
937EX016(4.0)	07/21/98	Chloromethane	0.01	3.6	U	
937EX016(4.0)	07/21/98	Dibromochloromethane	0.0052	15.9	U	
937EX016(4.0)	07/21/98	1,2-Dichlorobenzene	0.0052	2,100	U	
937EX016(4.0)	07/21/98	1,3-Dichlorobenzene	0.0052	1,500	U	
937EX016(4.0)	07/21/98	1,4-Dichlorobenzene	0.0052	10.8	U	
937EX016(4.0)	07/21/98	1,1-Dichloroethane	0.0052	1,500	U	
937EX016(4.0)	07/21/98	1,2-Dichloroethane	0.0052	0.75	U	

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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 53 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX016(4.0)	07/21/98	1,1-Dichloroethene	0.0052	0.111	U	
937EX016(4.0)	07/21/98	1,2-Dichloropropane	0.0052	0.93	U	
937EX016(4.0)	07/21/98	1,3-Dichloropropene	0.0104	0.75	U	
937EX016(4.0)	07/21/98	2-Hexanone	0.01	NA	U	
937EX016(4.0)	07/21/98	4-Methyl-2-Pentanone	0.01	2,310	U	
937EX016(4.0)	07/21/98	Styrene	0.0052	2,040	U	
937EX016(4.0)	07/21/98	1,1,2,2-Tetrachloroethane	0.0052	1.35	U	
937EX016(4.0)	07/21/98	Tetrachloroethene	0.0052	15	U	
937EX016(4.0)	07/21/98	1,1,1-Trichloroethane	0.0052	3,600	U	
937EX016(4.0)	07/21/98	1,1,2-Trichloroethane	0.0052	1.95	U	
937EX016(4.0)	07/21/98	Trichlorofluoromethane	0.0052	1,140	U	
937EX016(4.0)	07/21/98	Vinyl Acetate	0.01	2,340	U	
937EX016(4.0)	07/21/98	Gasoline	1	1,690	U	
937EX016(4.0)	07/21/98	Diesel	3.9	1,950		
937EX016(4.0)	07/21/98	Fuel Oil	48	2,730		
937EX016(4.0)	07/21/98	Benzene	0.0052	1.0	U	
937EX016(4.0)	07/21/98	Toluene	0.0052	14	U	
937EX016(4.0)	07/21/98	Ethylbenzene	0.0052	19	U	
937EX016(4.0)	07/21/98	Xylenes (Total)	0.0104	4,340	U	
937EX016(4.0)	07/21/98	Total Carcinogenic PAHs	0.341	253		
937EX016(4.0)	07/21/98	Benzo(a)anthracene	0.034	See Total	U	
937EX016(4.0)	07/21/98	Benzo(a)pyrene	0.034	9.0	U	
937EX016(4.0)	07/21/98	Benzo(b)fluoranthene	0.069	See Total	U	
937EX016(4.0)	07/21/98	Benzo(k)fluoranthene	0.034	See Total	U	
937EX016(4.0)	07/21/98	Chrysene	0.17	See Total		
937EX017(4.0)	07/21/98	cis-1,2-Dichloroethene	0.0061	467	U	
937EX017(4.0)	07/21/98	trans-1,2-Dichloroethene	0.0061	1,027	U	
937EX017(4.0)	07/21/98	Trichloroethene	0.0061	1.3	U	
937EX017(4.0)	07/21/98	Vinyl Chloride	0.012	3.0	U	
937EX017(4.0)	07/21/98	Methylene Chloride	0.03	54	UJ	
937EX017(4.0)	07/21/98	Acetone	0.05	6,300		
937EX017(4.0)	07/21/98	Bromodichloromethane	0.0061	1.89	U	
937EX017(4.0)	07/21/98	Bromoform	0.0061	168	U	
937EX017(4.0)	07/21/98	Bromomethane	0.012	20.4	U	
937EX017(4.0)	07/21/98	2-Butanone	0.012	21,300	U	
937EX017(4.0)	07/21/98	Carbon Disulfide	0.0061	22.5	U	
937EX017(4.0)	07/21/98	Carbon Tetrachloride	0.0061	0.69	U	
937EX017(4.0)	07/21/98	Chlorobenzene	0.0061	195	U	
937EX017(4.0)	07/21/98	Chloroethane	0.012	3,300	U	

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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 54 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX017(4.0)	07/21/98	Chloroform	0.0061	0.75	U	
937EX017(4.0)	07/21/98	Chloromethane	0.012	3.6	U	
937EX017(4.0)	07/21/98	Dibromochloromethane	0.0061	15.9	U	
937EX017(4.0)	07/21/98	1,2-Dichlorobenzene	0.0061	2,100	U	
937EX017(4.0)	07/21/98	1,3-Dichlorobenzene	0.0061	1,500	U	
937EX017(4.0)	07/21/98	1,4-Dichlorobenzene	0.0061	10.8	U	
937EX017(4.0)	07/21/98	1,1-Dichloroethane	0.0061	1,500	U	
937EX017(4.0)	07/21/98	1,2-Dichloroethane	0.0061	0.75	U	
937EX017(4.0)	07/21/98	1,1-Dichloroethene	0.0061	0.111	U	
937EX017(4.0)	07/21/98	1,2-Dichloropropane	0.0061	0.93	U	
937EX017(4.0)	07/21/98	1,3-Dichloropropene	0.0122	0.75	U	
937EX017(4.0)	07/21/98	2-Hexanone	0.012	NA	U	
937EX017(4.0)	07/21/98	4-Methyl-2-Pentanone	0.012	2,310	U	
937EX017(4.0)	07/21/98	Styrene	0.0061	2,040	U	
937EX017(4.0)	07/21/98	1,1,2,2-Tetrachloroethane	0.0061	1.35	U	
937EX017(4.0)	07/21/98	Tetrachloroethene	0.0061	15	U	
937EX017(4.0)	07/21/98	1,1,1-Trichloroethane	0.0061	3,600	U	
937EX017(4.0)	07/21/98	1,1,2-Trichloroethane	0.0061	1.95	U	
937EX017(4.0)	07/21/98	Trichlorofluoromethane	0.0061	1,140	U	
937EX017(4.0)	07/21/98	Vinyl Acetate	0.012	2,340	U	
937EX017(4.0)	07/21/98	Gasoline	1.2	1,690	U	
937EX017(4.0)	07/21/98	Diesel	12	1,950		
937EX017(4.0)	07/21/98	Fuel Oil	84	2,730	J	
937EX017(4.0)	07/21/98	Benzene	0.0061	1.0	U	
937EX017(4.0)	07/21/98	Toluene	0.0061	14	U	
937EX017(4.0)	07/21/98	Ethylbenzene	0.0061	19	U	
937EX017(4.0)	07/21/98	Xylenes (Total)	0.0122	4,340	U	
937EX017(4.0)	07/21/98	Total Carcinogenic PAHs	0.121	253	U	
937EX017(4.0)	07/21/98	Benzo(a)anthracene	0.02	See Total	U	
937EX017(4.0)	07/21/98	Benzo(a)pyrene	0.02	9.0	U	
937EX017(4.0)	07/21/98	Benzo(b)fluoranthene	0.041	See Total	U	
937EX017(4.0)	07/21/98	Benzo(k)fluoranthene	0.02	See Total	U	
937EX017(4.0)	07/21/98	Chrysene	0.02	See Total	U	
937EX018(5.0)	07/21/98	cis-1,2-Dichloroethene	0.0061	467	U	
937EX018(5.0)	07/21/98	trans-1,2-Dichloroethene	0.0061	1,027	U	
937EX018(5.0)	07/21/98	Trichloroethene	0.0061	1.3	U	
937EX018(5.0)	07/21/98	Vinyl Chloride	0.012	3.0	U	
937EX018(5.0)	07/21/98	Methylene Chloride	0.03	54	UJ	
937EX018(5.0)	07/21/98	Acetone	0.03	6,300	U	

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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 55 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX018(5.0)	07/21/98	Bromodichloromethane	0.0061	1.89	U	
937EX018(5.0)	07/21/98	Bromoform	0.0061	168	U	
937EX018(5.0)	07/21/98	Bromomethane	0.012	20.4	U	
937EX018(5.0)	07/21/98	2-Butanone	0.012	21,300	U	
937EX018(5.0)	07/21/98	Carbon Disulfide	0.0061	22.5	U	
937EX018(5.0)	07/21/98	Carbon Tetrachloride	0.0061	0.69	U	
937EX018(5.0)	07/21/98	Chlorobenzene	0.0061	195	U	
937EX018(5.0)	07/21/98	Chloroethane	0.012	3,300	U	
937EX018(5.0)	07/21/98	Chloroform	0.0061	0.75	U	
937EX018(5.0)	07/21/98	Chloromethane	0.012	3.6	U	
937EX018(5.0)	07/21/98	Dibromochloromethane	0.0061	15.9	U	
937EX018(5.0)	07/21/98	1,2-Dichlorobenzene	0.0061	2,100	U	
937EX018(5.0)	07/21/98	1,3-Dichlorobenzene	0.0061	1,500	U	
937EX018(5.0)	07/21/98	1,4-Dichlorobenzene	0.0061	10.8	U	
937EX018(5.0)	07/21/98	1,1-Dichloroethane	0.0061	1,500	U	
937EX018(5.0)	07/21/98	1,2-Dichloroethane	0.0061	0.75	U	
937EX018(5.0)	07/21/98	1,1-Dichloroethene	0.0061	0.111	U	
937EX018(5.0)	07/21/98	1,2-Dichloropropane	0.0061	0.93	U	
937EX018(5.0)	07/21/98	1,3-Dichloropropene	0.0122	0.75	U	
937EX018(5.0)	07/21/98	2-Hexanone	0.012	NA	U	
937EX018(5.0)	07/21/98	4-Methyl-2-Pentanone	0.012	2,310	U	
937EX018(5.0)	07/21/98	Styrene	0.0061	2,040	U	
937EX018(5.0)	07/21/98	1,1,2,2-Tetrachloroethane	0.0061	1.35	U	
937EX018(5.0)	07/21/98	Tetrachloroethene	0.0061	15	U	
937EX018(5.0)	07/21/98	1,1,1-Trichloroethane	0.0061	3,600	U	
937EX018(5.0)	07/21/98	1,1,2-Trichloroethane	0.0061	1.95	U	
937EX018(5.0)	07/21/98	Trichlorofluoromethane	0.0061	1,140	U	
937EX018(5.0)	07/21/98	Vinyl Acetate	0.012	2,340	U	
937EX018(5.0)	07/21/98	Gasoline	1.2	1,690	U	
937EX018(5.0)	07/21/98	Diesel	97	1,950		
937EX018(5.0)	07/21/98	Fuel Oil	320	2,730		
937EX018(5.0)	07/21/98	Benzene	0.0061	1.0	U	
937EX018(5.0)	07/21/98	Toluene	0.0061	14	U	
937EX018(5.0)	07/21/98	Ethylbenzene	0.0061	19	U	
937EX018(5.0)	07/21/98	Xylenes (Total)	0.0122	4,340	U	
937EX018(5.0)	07/21/98	Total Carcinogenic PAHs	0.242	253	U	
937EX018(5.0)	07/21/98	Benzo(a)anthracene	0.04	See Total	U	
937EX018(5.0)	07/21/98	Benzo(a)pyrene	0.04	9.0	U	
937EX018(5.0)	07/21/98	Benzo(b)fluoranthene	0.082	See Total	U	

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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 56 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX018(5.0)	07/21/98	Benzo(k)fluoranthene	0.04	See Total	U	
937EX018(5.0)	07/21/98	Chrysene	0.04	See Total	U	
937EX021(4.0)	09/03/98	cis-1,2-Dichloroethene	0.0055	467	U	
937EX021(4.0)	09/03/98	trans-1,2-Dichloroethene	0.0055	1,027	U	
937EX021(4.0)	09/03/98	Trichloroethene	0.0055	1.3	U	
937EX021(4.0)	09/03/98	Vinyl Chloride	0.011	3.0	U	
937EX021(4.0)	09/03/98	Methylene Chloride	0.027	54	U	
937EX021(4.0)	09/03/98	Acetone	0.027	6,300	U	
937EX021(4.0)	09/03/98	Bromodichloromethane	0.0055	1.89	U	
937EX021(4.0)	09/03/98	Bromoform	0.0055	168	U	
937EX021(4.0)	09/03/98	Bromomethane	0.011	20.4	U	
937EX021(4.0)	09/03/98	2-Butanone	0.011	21,300	U	
937EX021(4.0)	09/03/98	Carbon Disulfide	0.0055	22.5	U	
937EX021(4.0)	09/03/98	Carbon Tetrachloride	0.0055	0.69	U	
937EX021(4.0)	09/03/98	Chlorobenzene	0.0055	195	U	
937EX021(4.0)	09/03/98	Chloroethane	0.011	3,300	U	
937EX021(4.0)	09/03/98	Chloroform	0.0055	0.75	U	
937EX021(4.0)	09/03/98	Chloromethane	0.011	3.6	U	
937EX021(4.0)	09/03/98	Dibromochloromethane	0.0055	15.9	U	
937EX021(4.0)	09/03/98	1,2-Dichlorobenzene	0.0055	2,100	U	
937EX021(4.0)	09/03/98	1,3-Dichlorobenzene	0.0055	1,500	U	
937EX021(4.0)	09/03/98	1,4-Dichlorobenzene	0.0055	10.8	U	
937EX021(4.0)	09/03/98	1,1-Dichloroethane	0.0055	1,500	U	
937EX021(4.0)	09/03/98	1,2-Dichloroethane	0.0055	0.75	U	
937EX021(4.0)	09/03/98	1,1-Dichloroethene	0.0055	0.111	U	
937EX021(4.0)	09/03/98	1,2-Dichloropropane	0.0055	0.93	U	
937EX021(4.0)	09/03/98	1,3-Dichloropropene	0.011	0.75	U	
937EX021(4.0)	09/03/98	2-Hexanone	0.011	NA	U	
937EX021(4.0)	09/03/98	4-Methyl-2-Pentanone	0.011	2,310	U	
937EX021(4.0)	09/03/98	Styrene	0.0055	2,040	U	
937EX021(4.0)	09/03/98	1,1,2,2-Tetrachloroethane	0.0055	1.35	U	
937EX021(4.0)	09/03/98	Tetrachloroethene	0.0055	15	U	
937EX021(4.0)	09/03/98	1,1,1-Trichloroethane	0.0055	3,600	U	
937EX021(4.0)	09/03/98	1,1,2-Trichloroethane	0.0055	1.95	U	
937EX021(4.0)	09/03/98	Trichlorofluoromethane	0.0055	1,140	U	
937EX021(4.0)	09/03/98	Vinyl Acetate	0.011	2,340	U	
937EX021(4.0)	09/03/98	Gasoline	1.1	1,690	U	
937EX021(4.0)	09/03/98	Diesel	1.3	1,950	J	
937EX021(4.0)	09/03/98	Fuel Oil	5.5	2,730	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 57 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX021(4.0)	09/03/98	Benzene	0.0055	1.0	U	
937EX021(4.0)	09/03/98	Toluene	0.0055	14	U	
937EX021(4.0)	09/03/98	Ethylbenzene	0.0055	19	U	
937EX021(4.0)	09/03/98	Xylenes (Total)	0.011	4,340	U	
937EX021(4.0)	09/03/98	Total Carcinogenic PAHs	0.0467	253		
937EX021(4.0)	09/03/98	Benzo(a)anthracene	0.0069	See Total		
937EX021(4.0)	09/03/98	Benzo(a)pyrene	0.011	9.0		
937EX021(4.0)	09/03/98	Benzo(b)fluoranthene	0.0088	See Total	U	
937EX021(4.0)	09/03/98	Benzo(k)fluoranthene	0.0112	See Total	U	
937EX021(4.0)	09/03/98	Chrysene	0.0088	See Total		
937EX021(4.0)DUP	09/03/98	cis-1,2-Dichloroethene	0.0112	467	U	937DUP090398A
937EX021(4.0)DUP	09/03/98	trans-1,2-Dichloroethene	0.0056	1,027	U	
937EX021(4.0)DUP	09/03/98	Trichloroethene	0.0056	1.3	U	
937EX021(4.0)DUP	09/03/98	Vinyl Chloride	0.011	3.0	U	
937EX021(4.0)DUP	09/03/98	Methylene Chloride	0.028	54	U	
937EX021(4.0)DUP	09/03/98	Acetone	0.028	6,300	U	
937EX021(4.0)DUP	09/03/98	Bromodichloromethane	0.0056	1.89	U	
937EX021(4.0)DUP	09/03/98	Bromoform	0.0056	168	U	
937EX021(4.0)DUP	09/03/98	Bromomethane	0.011	20.4	U	
937EX021(4.0)DUP	09/03/98	2-Butanone	0.011	21,300	U	
937EX021(4.0)DUP	09/03/98	Carbon Disulfide	0.0056	22.5	U	
937EX021(4.0)DUP	09/03/98	Carbon Tetrachloride	0.0056	0.69	U	
937EX021(4.0)DUP	09/03/98	Chlorobenzene	0.0056	195	U	
937EX021(4.0)DUP	09/03/98	Chloroethane	0.011	3,300	U	
937EX021(4.0)DUP	09/03/98	Chloroform	0.0056	0.75	U	
937EX021(4.0)DUP	09/03/98	Chloromethane	0.011	3.6	U	
937EX021(4.0)DUP	09/03/98	Dibromochloromethane	0.0056	15.9	U	
937EX021(4.0)DUP	09/03/98	1,2-Dichlorobenzene	0.0056	2,100	U	
937EX021(4.0)DUP	09/03/98	1,3-Dichlorobenzene	0.0056	1,500	U	
937EX021(4.0)DUP	09/03/98	1,4-Dichlorobenzene	0.0056	10.8	U	
937EX021(4.0)DUP	09/03/98	1,1-Dichloroethane	0.0056	1,500	U	
937EX021(4.0)DUP	09/03/98	1,2-Dichloroethane	0.0056	0.75	U	
937EX021(4.0)DUP	09/03/98	1,1-Dichloroethene	0.0056	0.111	U	
937EX021(4.0)DUP	09/03/98	1,2-Dichloropropane	0.0056	0.93	U	
937EX021(4.0)DUP	09/03/98	1,3-Dichloropropene	0.0112	0.75	U	
937EX021(4.0)DUP	09/03/98	2-Hexanone	0.011	NA	U	
937EX021(4.0)DUP	09/03/98	4-Methyl-2-Pentanone	0.011	2,310	U	
937EX021(4.0)DUP	09/03/98	Styrene	0.0056	2,040	U	
937EX021(4.0)DUP	09/03/98	1,1,2,2-Tetrachloroethane	0.0056	1.35	U	

Footnotes at end of table.
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Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 58 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX021(4.0)DUP	09/03/98	Tetrachloroethene	0.0056	15	U	
937EX021(4.0)DUP	09/03/98	1,1,1-Trichloroethane	0.0056	3,600	U	
937EX021(4.0)DUP	09/03/98	1,1,2-Trichloroethane	0.0056	1.95	U	
937EX021(4.0)DUP	09/03/98	Trichlorofluoromethane	0.0056	1,140	U	
937EX021(4.0)DUP	09/03/98	Vinyl Acetate	0.011	2,340	U	
937EX021(4.0)DUP	09/03/98	Gasoline	1.1	1,690	U	
937EX021(4.0)DUP	09/03/98	Diesel	1.3	1,950	J	
937EX021(4.0)DUP	09/03/98	Fuel Oil	5.7	2,730	J	
937EX021(4.0)DUP	09/03/98	Benzene	0.0056	1.0	U	
937EX021(4.0)DUP	09/03/98	Toluene	0.0056	14	U	
937EX021(4.0)DUP	09/03/98	Ethylbenzene	0.0056	19	U	
937EX021(4.0)DUP	09/03/98	Xylenes (Total)	0.0112	4,340	U	
937EX021(4.0)DUP	09/03/98	Total Carcinogenic PAHs	0.0223	253	U	
937EX021(4.0)DUP	09/03/98	Benzo(a)anthracene	0.0037	See Total	U	
937EX021(4.0)DUP	09/03/98	Benzo(a)pyrene	0.0037	9.0	U	
937EX021(4.0)DUP	09/03/98	Benzo(b)fluoranthene	0.0075	See Total	U	
937EX021(4.0)DUP	09/03/98	Benzo(k)fluoranthene	0.0037	See Total	U	
937EX021(4.0)DUP	09/03/98	Chrysene	0.0037	See Total	U	
937EX022(4.0)	09/03/98	cis-1,2-Dichloroethene	0.0059	467	U	
937EX022(4.0)	09/03/98	trans-1,2-Dichloroethene	0.0059	1,027	U	
937EX022(4.0)	09/03/98	Trichloroethene	0.0059	1.3	U	
937EX022(4.0)	09/03/98	Vinyl Chloride	0.012	3.0	U	
937EX022(4.0)	09/03/98	Methylene Chloride	0.029	54	U	
937EX022(4.0)	09/03/98	Acetone	0.029	6,300	U	
937EX022(4.0)	09/03/98	Bromodichloromethane	0.0059	1.89	U	
937EX022(4.0)	09/03/98	Bromoform	0.0059	168	U	
937EX022(4.0)	09/03/98	Bromomethane	0.012	20.4	U	
937EX022(4.0)	09/03/98	2-Butanone	0.012	21,300	U	
937EX022(4.0)	09/03/98	Carbon Disulfide	0.0059	22.5	U	
937EX022(4.0)	09/03/98	Carbon Tetrachloride	0.0059	0.69	U	
937EX022(4.0)	09/03/98	Chlorobenzene	0.0059	195	U	
937EX022(4.0)	09/03/98	Chloroethane	0.012	3,300	U	
937EX022(4.0)	09/03/98	Chloroform	0.0059	0.75	U	
937EX022(4.0)	09/03/98	Chloromethane	0.012	3.6	U	
937EX022(4.0)	09/03/98	Dibromochloromethane	0.0059	15.9	U	
937EX022(4.0)	09/03/98	1,2-Dichlorobenzene	0.0059	2,100	U	
937EX022(4.0)	09/03/98	1,3-Dichlorobenzene	0.0059	1,500	U	
937EX022(4.0)	09/03/98	1,4-Dichlorobenzene	0.0059	10.8	U	
937EX022(4.0)	09/03/98	1,1-Dichloroethane	0.0059	1,500	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 59 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX022(4.0)	09/03/98	1,2-Dichloroethane	0.0059	0.75	U	
937EX022(4.0)	09/03/98	1,1-Dichloroethene	0.0059	0.111	U	
937EX022(4.0)	09/03/98	1,2-Dichloropropane	0.0059	0.93	U	
937EX022(4.0)	09/03/98	1,3-Dichloropropene	0.0118	0.75	U	
937EX022(4.0)	09/03/98	2-Hexanone	0.012	NA	U	
937EX022(4.0)	09/03/98	4-Methyl-2-Pentanone	0.012	2,310	U	
937EX022(4.0)	09/03/98	Styrene	0.0059	2,040	U	
937EX022(4.0)	09/03/98	1,1,2,2-Tetrachloroethane	0.0059	1.35	U	
937EX022(4.0)	09/03/98	Tetrachloroethene	0.0059	15	U	
937EX022(4.0)	09/03/98	1,1,1-Trichloroethane	0.0059	3,600	U	
937EX022(4.0)	09/03/98	1,1,2-Trichloroethane	0.0059	1.95	U	
937EX022(4.0)	09/03/98	Trichlorofluoromethane	0.0059	1,140	U	
937EX022(4.0)	09/03/98	Vinyl Acetate	0.012	2,340	U	
937EX022(4.0)	09/03/98	Gasoline	1.2	1,690	U	
937EX022(4.0)	09/03/98	Diesel	1.2	1,950	U	
937EX022(4.0)	09/03/98	Fuel Oil	5.9	2,730	U	
937EX022(4.0)	09/03/98	Benzene	0.0059	1.0	U	
937EX022(4.0)	09/03/98	Toluene	0.0059	14	U	
937EX022(4.0)	09/03/98	Ethylbenzene	0.0059	19	U	
937EX022(4.0)	09/03/98	Xylenes (Total)	0.0118	4,340	U	
937EX022(4.0)	09/03/98	Total Carcinogenic PAHs	0.0235	253	U	
937EX022(4.0)	09/03/98	Benzo(a)anthracene	0.0039	See Total	U	
937EX022(4.0)	09/03/98	Benzo(a)pyrene	0.0039	9.0	U	
937EX022(4.0)	09/03/98	Benzo(b)fluoranthene	0.0079	See Total	U	
937EX022(4.0)	09/03/98	Benzo(k)fluoranthene	0.0039	See Total	U	
937EX022(4.0)	09/03/98	Chrysene	0.0039	See Total	U	
937EX023(4.0)	09/03/98	cis-1,2-Dichloroethene	0.0056	467	U	
937EX023(4.0)	09/03/98	trans-1,2-Dichloroethene	0.0056	1,027	U	
937EX023(4.0)	09/03/98	Trichloroethene	0.0056	1.3	U	
937EX023(4.0)	09/03/98	Vinyl Chloride	0.011	3.0	U	
937EX023(4.0)	09/03/98	Methylene Chloride	0.028	54	U	
937EX023(4.0)	09/03/98	Acetone	0.028	6,300	U	
937EX023(4.0)	09/03/98	Bromodichloromethane	0.0056	1.89	U	
937EX023(4.0)	09/03/98	Bromoform	0.0056	168	U	
937EX023(4.0)	09/03/98	Bromomethane	0.011	20.4	U	
937EX023(4.0)	09/03/98	2-Butanone	0.011	21,300	U	
937EX023(4.0)	09/03/98	Carbon Disulfide	0.0056	22.5	U	
937EX023(4.0)	09/03/98	Carbon Tetrachloride	0.0056	0.69	U	
937EX023(4.0)	09/03/98	Chlorobenzene	0.0056	195	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 60 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX023(4.0)	09/03/98	Chloroethane	0.011	3,300	U	
937EX023(4.0)	09/03/98	Chloroform	0.0056	0.75	U	
937EX023(4.0)	09/03/98	Chloromethane	0.011	3.6	U	
937EX023(4.0)	09/03/98	Dibromochloromethane	0.0056	15.9	U	
937EX023(4.0)	09/03/98	1,2-Dichlorobenzene	0.0056	2,100	U	
937EX023(4.0)	09/03/98	1,3-Dichlorobenzene	0.0056	1,500	U	
937EX023(4.0)	09/03/98	1,4-Dichlorobenzene	0.0056	10.8	U	
937EX023(4.0)	09/03/98	1,1-Dichloroethane	0.0056	1,500	U	
937EX023(4.0)	09/03/98	1,2-Dichloroethane	0.0056	0.75	U	
937EX023(4.0)	09/03/98	1,1-Dichloroethene	0.0056	0.111	U	
937EX023(4.0)	09/03/98	1,2-Dichloropropane	0.0056	0.93	U	
937EX023(4.0)	09/03/98	1,3-Dichloropropene	0.0112	0.75	U	
937EX023(4.0)	09/03/98	2-Hexanone	0.011	NA	U	
937EX023(4.0)	09/03/98	4-Methyl-2-Pentanone	0.011	2,310	U	
937EX023(4.0)	09/03/98	Styrene	0.0056	2,040	U	
937EX023(4.0)	09/03/98	1,1,2,2-Tetrachloroethane	0.0056	1.35	U	
937EX023(4.0)	09/03/98	Tetrachloroethene	0.0056	15	U	
937EX023(4.0)	09/03/98	1,1,1-Trichloroethane	0.0056	3,600	U	
937EX023(4.0)	09/03/98	1,1,2-Trichloroethane	0.0056	1.95	U	
937EX023(4.0)	09/03/98	Trichlorofluoromethane	0.0056	1,140	U	
937EX023(4.0)	09/03/98	Vinyl Acetate	0.011	2,340	U	
937EX023(4.0)	09/03/98	Gasoline	1.1	1,690	U	
937EX023(4.0)	09/03/98	Diesel	20	1,950	J	
937EX023(4.0)	09/03/98	Fuel Oil	100	2,730	J	
937EX023(4.0)	09/03/98	Benzene	0.0056	1.0	U	
937EX023(4.0)	09/03/98	Toluene	0.0056	14	U	
937EX023(4.0)	09/03/98	Ethylbenzene	0.0056	19	U	
937EX023(4.0)	09/03/98	Xylenes (Total)	0.0112	4,340	U	
937EX023(4.0)	09/03/98	Total Carcinogenic PAHs	0.0311	253		
937EX023(4.0)	09/03/98	Benzo(a)anthracene	0.0061	See Total		
937EX023(4.0)	09/03/98	Benzo(a)pyrene	0.011	9.0		
937EX023(4.0)	09/03/98	Benzo(b)fluoranthene	0.0042	See Total	U	
937EX023(4.0)	09/03/98	Benzo(k)fluoranthene	0.0042	See Total		
937EX023(4.0)	09/03/98	Chrysene	0.0056	See Total		
937EX024(4.0)	09/03/98	cis-1,2-Dichloroethene	0.0062	467	U	
937EX024(4.0)	09/03/98	trans-1,2-Dichloroethene	0.0062	1,027	U	
937EX024(4.0)	09/03/98	Trichloroethene	0.0062	1.3	U	
937EX024(4.0)	09/03/98	Vinyl Chloride	0.012	3.0	U	
937EX024(4.0)	09/03/98	Methylene Chloride	0.031	54	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 61 of 62)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX024(4.0)	09/03/98	Acetone	0.031	6,300	U	
937EX024(4.0)	09/03/98	Bromodichloromethane	0.0062	1.89	U	
937EX024(4.0)	09/03/98	Bromoform	0.0062	168	U	
937EX024(4.0)	09/03/98	Bromomethane	0.012	20.4	U	
937EX024(4.0)	09/03/98	2-Butanone	0.012	21,300	U	
937EX024(4.0)	09/03/98	Carbon Disulfide	0.0062	22.5	U	
937EX024(4.0)	09/03/98	Carbon Tetrachloride	0.0062	0.69	U	
937EX024(4.0)	09/03/98	Chlorobenzene	0.0062	195	U	
937EX024(4.0)	09/03/98	Chloroethane	0.012	3,300	U	
937EX024(4.0)	09/03/98	Chloroform	0.0062	0.75	U	
937EX024(4.0)	09/03/98	Chloromethane	0.012	3.6	U	
937EX024(4.0)	09/03/98	Dibromochloromethane	0.0062	15.9	U	
937EX024(4.0)	09/03/98	1,2-Dichlorobenzene	0.0062	2,100	U	
937EX024(4.0)	09/03/98	1,3-Dichlorobenzene	0.0062	1,500	U	
937EX024(4.0)	09/03/98	1,4-Dichlorobenzene	0.0062	10.8	U	
937EX024(4.0)	09/03/98	1,1-Dichloroethane	0.0062	1,500	U	
937EX024(4.0)	09/03/98	1,2-Dichloroethane	0.0062	0.75	U	
937EX024(4.0)	09/03/98	1,1-Dichloroethene	0.0062	0.111	U	
937EX024(4.0)	09/03/98	1,2-Dichloropropane	0.0062	0.93	U	
937EX024(4.0)	09/03/98	1,3-Dichloropropene	0.0124	0.75	U	
937EX024(4.0)	09/03/98	2-Hexanone	0.012	NA	U	
937EX024(4.0)	09/03/98	4-Methyl-2-Pentanone	0.012	2,310	U	
937EX024(4.0)	09/03/98	Styrene	0.0062	2,040	U	
937EX024(4.0)	09/03/98	1,1,2,2-Tetrachloroethane	0.0062	1.35	U	
937EX024(4.0)	09/03/98	Tetrachloroethene	0.0062	15	U	
937EX024(4.0)	09/03/98	1,1,1-Trichloroethane	0.0062	3,600	U	
937EX024(4.0)	09/03/98	1,1,2-Trichloroethane	0.0062	1.95	U	
937EX024(4.0)	09/03/98	Trichlorofluoromethane	0.0062	1,140	U	
937EX024(4.0)	09/03/98	Vinyl Acetate	0.012	2,340	U	
937EX024(4.0)	09/03/98	Gasoline	1.2	1,690	U	
937EX024(4.0)	09/03/98	Diesel	1.2	1,950	U	
937EX024(4.0)	09/03/98	Fuel Oil	6.2	2,730	U	
937EX024(4.0)	09/03/98	Benzene	0.0062	1.0	U	
937EX024(4.0)	09/03/98	Toluene	0.0062	14	U	
937EX024(4.0)	09/03/98	Ethylbenzene	0.0062	19	U	
937EX024(4.0)	09/03/98	Xylenes (Total)	0.0124	4,340	U	
937EX024(4.0)	09/03/98	Total Carcinogenic PAHs	0.0247	253	U	
937EX024(4.0)	09/03/98	Benzo(a)anthracene	0.0041	See Total	U	
937EX024(4.0)	09/03/98	Benzo(a)pyrene	0.0041	9.0	U	

Table A - 6
Building 937 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 62 of 62)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
937EX024(4.0)	09/03/98	Benzo(b)fluoranthene	0.0083	See Total	U	
937EX024(4.0)	09/03/98	Benzo(k)fluoranthene	0.0041	See Total	U	
937EX024(4.0)	09/03/98	Chrysene	0.0041	See Total	U	

^a milligrams per kilogram

^b Soil cleanup levels and Recreational Benchmark Management Levels (RBMLs) established as specified in the *Final Remedial Action Plan, Crissy Field Area (Army, 1998)*

^c Qualifiers

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately measure the analyte in the sample.

"-" - Analytical result biased low

"+" - Analytical result biased high

^d Depth of sample in feet below original ground surface is in parentheses

^e Detection limit exceeds cleanup level

^f no applicable cleanup level or RBML

^g polycyclic aromatic hydrocarbons

^h Cleanup level for Total Carcinogenic PAHs applicable

ⁱ "B" in sample number denotes resample

^j polycyclic biphenyls

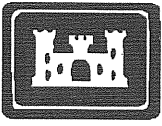
^k Cleanup level for Total PCBs applicable

^l duplicate sample

^m Sample identification number as it appears on chain-of-custody forms

Checked by: UB 6-2-99

Approved by: Cj Paulin 6/2/99



**U.S. Army Corps of Engineers
Sacramento District**

***SOIL REMEDIATION CLOSURE REPORT
CRISSY FIELD AREA
PRESIDIO OF SAN FRANCISCO, CALIFORNIA***

June 1999

***Sacramento TERC
Contract No. DACW05-95-D-0001***



**INTERNATIONAL
TECHNOLOGY
CORPORATION**

Table A - 4
Building 924 Firing Range
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 1 of 3)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
Excavation 1						
924EX001(4.0) ^d	08/03/98	Copper	30.2	88	J	
924EX001(4.0)	08/03/98	Lead	77.1	477		
924EX001(4.0)	08/03/98	Zinc	76.7	89		
924EX002(4.5)	08/14/98	Copper	13.9	88		
924EX002(4.5)	08/14/98	Lead	6.4	477	J	
924EX002(4.5)	08/14/98	Zinc	34.6	89		
924EX003(4.0)	08/03/98	Copper	50.4	88	J	
924EX003(4.0)	08/03/98	Lead	353	477		
924EX003(4.0)	08/03/98	Zinc	79	89		
924EX004(4.5)	08/14/98	Copper	5.5	88		
924EX004(4.5)	08/14/98	Lead	11	477	UJ	
924EX004(4.5)	08/14/98	Zinc	18.8	89	J	
924EX005(1.0)1.0	09/09/98	Copper	9.6	88		
924EX005(1.0)1.0	09/09/98	Lead	41	477		
924EX005(1.0)1.0	09/09/98	Zinc	37	89	J+	
924EX006(1.0)	06/30/98	Copper	18	88		
924EX006(1.0)	06/30/98	Lead	150	477		
924EX006(1.0)	06/30/98	Zinc	81	89		
924EX006(1.0)DUP ^e	06/30/98	Copper	15	88		924DUP063098A ^f
924EX006(1.0)DUP	06/30/98	Lead	80	477		924DUP063098A
924EX006(1.0)DUP	06/30/98	Zinc	54	89		924DUP063098A
924EX007(1.0)	06/30/98	Copper	10.6	88		
924EX007(1.0)	06/30/98	Lead	35.8	477		
924EX007(1.0)	06/30/98	Zinc	42.5	89		
924EX008(1.5)	06/30/98	Copper	10.4	88		
924EX008(1.5)	06/30/98	Lead	25.9	477		
924EX008(1.5)	06/30/98	Zinc	46.9	89		
924EX009(1.5)	06/30/98	Copper	9.9	88		
924EX009(1.5)	06/30/98	Lead	7.1	477	J	
924EX009(1.5)	06/30/98	Zinc	32.5	89		
924EX009(1.5)DUP	06/30/98	Copper	10.2	88		924DUP063098B
924EX009(1.5)DUP	06/30/98	Lead	8.4	477	J	924DUP063098B
924EX009(1.5)DUP	06/30/98	Zinc	34.6	89		924DUP063098B
924EX010(1.5)	06/30/98	Copper	9.6	88		
924EX010(1.5)	06/30/98	Lead	12.2	477		
924EX010(1.5)	06/30/98	Zinc	36.3	89		
924EX011(1.5)	06/30/98	Copper	15.7	88		
924EX011(1.5)	06/30/98	Lead	101	477		
924EX011(1.5)	06/30/98	Zinc	53	89		

Table A - 4
Building 924 Firing Range
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 2 of 3)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
924EX012(4.0)	08/03/98	Copper	35.6	88	J	
924EX012(4.0)	08/03/98	Lead	212	477		
924EX012(4.0)	08/03/98	Zinc	69.6	89		
924EX013(4.5)	08/14/98	Copper	7.2	88		
924EX013(4.5)	08/14/98	Lead	12	477	UJ	
924EX013(4.5)	08/14/98	Zinc	19.2	89	J	
924EX014(4.0)	08/03/98	Copper	11.3	88	J	
924EX014(4.0)	08/03/98	Lead	12	477	UJ	
924EX014(4.0)	08/03/98	Zinc	36.3	89		
924EX015(4.5)	08/03/98	Copper	38	88		
924EX015(4.5)	08/03/98	Lead	260	477		
924EX015(4.5)	08/03/98	Zinc	61	89		
924EX016(3.5)	08/03/98	Copper	44.3	88	J	
924EX016(3.5)	08/03/98	Lead	273	477		
924EX016(3.5)	08/03/98	Zinc	67.7	89		
924EX017(3.0)	06/30/98	Copper	11.7	88		
924EX017(3.0)	06/30/98	Lead	80.7	477		
924EX017(3.0)	06/30/98	Zinc	33.7	89		
924EX018(2.0)	06/30/98	Copper	13	88		
924EX018(2.0)	06/30/98	Lead	11	477	U	
924EX018(2.0)	06/30/98	Zinc	33.2	89		
924EX024(1.5)	09/14/98	Copper	11	88		
924EX024(1.5)	09/14/98	Lead	33	477		
924EX024(1.5)	09/14/98	Zinc	52	89		
924EX024(1.5)DUP	09/14/98	Copper	13	88		924DUP091498A
924EX024(1.5)DUP	09/14/98	Lead	41	477		924DUP091498A
924EX024(1.5)DUP	09/14/98	Zinc	38	89		924DUP091498A
Excavation 2						
924EX019(1.0)	09/03/98	Copper	0.32	88	U	
924EX019(1.0)	09/03/98	Lead	49	477		
924EX019(1.0)	09/03/98	Zinc	54	89		
924EX020(1.0)	09/03/98	Copper	0.32	88	U	
924EX020(1.0)	09/03/98	Lead	27	477		
924EX020(1.0)	09/03/98	Zinc	42	89		
924EX021(1.0)	09/03/98	Copper	0.32	88	U	
924EX021(1.0)	09/03/98	Lead	31	477		
924EX021(1.0)	09/03/98	Zinc	49	89		
924EX022(1.0)	09/03/98	Copper	0.32	88	U	
924EX022(1.0)	09/03/98	Lead	43	477		
924EX022(1.0)	09/03/98	Zinc	40	89		

Table A - 4
Building 924 Firing Range
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 3 of 3)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
924EX025(4.0)	10/08/98	Copper	6.3	88	J-	
924EX025(4.0)	10/08/98	Lead	7.3	477	J	
924EX025(4.0)	10/08/98	Zinc	37	89		

^a milligrams per kilogram

^b Soil cleanup levels established in the *Final Remedial Action Plan, Crissy Field Area* (Army, 1998)

^c Qualifiers

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately measure the analyte in the sample.

"-" - Analytical result biased low

"+" - Analytical result biased high

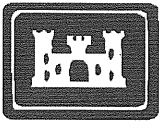
^d Depth of sample in feet below original ground surface is in parentheses

^e duplicate sample

^f Sample identification number as it appears on chain-of-custody forms

Checked by: MB 6-2-99

Approved by: Cy P... 6/2/99



**U.S. Army Corps of Engineers
Sacramento District**

***SOIL REMEDIATION CLOSURE REPORT
CRISSY FIELD AREA
PRESIDIO OF SAN FRANCISCO, CALIFORNIA***

June 1999

***Sacramento TERC
Contract No. DACW05-95-D-0001***



**INTERNATIONAL
TECHNOLOGY
CORPORATION**

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 1 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
Hydraulic Hoist						
979HL001(7.0) ^d	11/05/98	Diesel	12	1,950	U	
979HL001(7.0)	11/05/98	Fuel Oil	59	2,730	U	
Test Pit 1a						
979EX043(7.0)	08/12/98	cis-1,2-Dichloroethene	0.0053	467	U	^e
979EX043(7.0)	08/12/98	trans-1,2-Dichloroethene	0.0053	1,027	U	
979EX043(7.0)	08/12/98	Trichloroethene	0.0053	1.3	U	
979EX043(7.0)	08/12/98	Vinyl Chloride	0.011	3.0	U	
979EX043(7.0)	08/12/98	Acetone	0.021	6,300	U	
979EX043(7.0)	08/12/98	Bromodichloromethane	0.0053	1.89	U	
979EX043(7.0)	08/12/98	Bromoform	0.0053	168	U	
979EX043(7.0)	08/12/98	Bromomethane	0.011	20.4	U	
979EX043(7.0)	08/12/98	2-Butanone	0.021	21,300	U	
979EX043(7.0)	08/12/98	Carbon Disulfide	0.0053	22.5	U	
979EX043(7.0)	08/12/98	Carbon Tetrachloride	0.0053	0.69	U	
979EX043(7.0)	08/12/98	Chlorobenzene	0.0053	195	U	
979EX043(7.0)	08/12/98	Chloroethane	0.011	3,300	U	
979EX043(7.0)	08/12/98	Chloroform	0.0053	0.75	U	
979EX043(7.0)	08/12/98	Chloromethane	0.011	3.6	U	
979EX043(7.0)	08/12/98	Dibromochloromethane	0.0053	15.9	U	
979EX043(7.0)	08/12/98	1,2-Dichlorobenzene	0.0053	2,100	U	
979EX043(7.0)	08/12/98	1,3-Dichlorobenzene	0.0053	1,500	U	
979EX043(7.0)	08/12/98	1,4-Dichlorobenzene	0.0053	10.8	U	
979EX043(7.0)	08/12/98	1,1-Dichloroethane	0.0053	1,500	U	
979EX043(7.0)	08/12/98	1,2-Dichloroethane	0.0053	0.75	U	
979EX043(7.0)	08/12/98	1,1-Dichloroethene	0.0053	0.111	U	
979EX043(7.0)	08/12/98	1,2-Dichloropropane	0.0053	0.93	U	
979EX043(7.0)	08/12/98	1,3-Dichloropropene	0.011	0.75	U	
979EX043(7.0)	08/12/98	2-Hexanone	0.021	NA ^f	U	
979EX043(7.0)	08/12/98	4-Methyl-2-Pentanone	0.021	2,310	U	
979EX043(7.0)	08/12/98	Methylene Chloride	0.0053	54	U	
979EX043(7.0)	08/12/98	Styrene	0.0053	2,040	U	
979EX043(7.0)	08/12/98	1,1,2,2-Tetrachloroethane	0.0053	1.35	U	
979EX043(7.0)	08/12/98	Tetrachloroethene	0.0053	15	U	
979EX043(7.0)	08/12/98	1,1,1-Trichloroethane	0.0053	3,600	U	
979EX043(7.0)	08/12/98	1,1,2-Trichloroethane	0.0053	1.95	U	
979EX043(7.0)	08/12/98	Trichlorofluoromethane	0.011	1,140	U	
979EX043(7.0)	08/12/98	Vinyl Acetate	0.011	2,340	U	
979EX043(7.0)	08/12/98	Gasoline	1.1	1,690	U	
979EX043(7.0)	08/12/98	Diesel	23	1,950	J	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 2 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX043(7.0)	08/12/98	Fuel Oil	71	2,730	J	
979EX043(7.0)	08/12/98	Benzene	0.0053	1.0	U	
979EX043(7.0)	08/12/98	Toluene	0.0053	14	U	
979EX043(7.0)	08/12/98	Ethylbenzene	0.0053	19	U	
979EX043(7.0)	08/12/98	Xylenes (Total)	0.0053	4,340	U	
979EX043(7.0)	08/12/98	Total Carcinogenic PAHs ^g	0.738	253	J	
979EX043(7.0)	08/12/98	Benzo(a)anthracene	0.43	See Total ^h	U	
979EX043(7.0)	08/12/98	Benzo(a)pyrene	0.11	9	J	
979EX043(7.0)	08/12/98	Benzo(b)fluoranthene	0.056	See Total		
979EX043(7.0)	08/12/98	Benzo(k)fluoranthene	0.032	See Total	J	
979EX043(7.0)	08/12/98	Chrysene	0.11	See Total	J	
979EX043(7.0)	08/12/98	4,4'-DDD ⁱ	0.017	0.504	U	
979EX043(7.0)	08/12/98	4,4'-DDE ^j	0.0021	0.514	U	
979EX043(7.0)	08/12/98	4,4'-DDT ^k	0.0043	0.496	UJ	
979EX043(7.0)	08/12/98	Aldrin	0.0085	0.06	UJ	
979EX043(7.0)	08/12/98	Alpha-BHC	0.0085	0.16	U	
979EX043(7.0)	08/12/98	Beta-BHC	0.0085	0.58	U	
979EX043(7.0)	08/12/98	Chlordane	0.085	0.161	U	
979EX043(7.0)	08/12/98	Dieldrin	0.017	0.0469	UJ	
979EX043(7.0)	08/12/98	Endosulfan (Total)	0.026	908.7	U	
979EX043(7.0)	08/12/98	Endrin	0.017	46.6	U	
979EX043(7.0)	08/12/98	Gamma-BHC (Lindane)	0.0085	0.94	U	
979EX043(7.0)	08/12/98	Heptachlor	0.0085	0.18	U	
979EX043(7.0)	08/12/98	Heptachlor Epoxide	0.0085	0.11	U	
979EX043(7.0)	08/12/98	Methoxychlor	0.085	768.9	U	
979EX043(7.0)	08/12/98	Toxaphene	0.17	0.93	U	
979EX043(7.0)	08/12/98	PCBs ^l (Total)	0.581	1.0	U	
979EX043(7.0)	08/12/98	Aroclor-1016	0.085	See Total ^m	U	
979EX043(7.0)	08/12/98	Aroclor-1221	0.071	See Total	U	
979EX043(7.0)	08/12/98	Aroclor-1232	0.085	See Total	U	
979EX043(7.0)	08/12/98	Aroclor-1242	0.085	See Total	U	
979EX043(7.0)	08/12/98	Aroclor-1248	0.085	See Total	U	
979EX043(7.0)	08/12/98	Aroclor-1254	0.085	See Total	U	
979EX043(7.0)	08/12/98	Aroclor-1260	0.085	See Total	U	
979EX043(7.0)	08/12/98	Aluminum	6,700	179,410		
979EX043(7.0)	08/12/98	Antimony	3	5	U	
979EX043(7.0)	08/12/98	Arsenic	2.9	4.56		
979EX043(7.0)	08/12/98	Barium	120	500		
979EX043(7.0)	08/12/98	Beryllium	0.21	0.33	U	
979EX043(7.0)	08/12/98	Cadmium	0.53	3.99	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 3 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX043(7.0)	08/12/98	Chromium	180	1,300	J+	
979EX043(7.0)	08/12/98	Cobalt	22	159		
979EX043(7.0)	08/12/98	Copper	26	88		
979EX043(7.0)	08/12/98	Lead	400	477	J-	
979EX043(7.0)	08/12/98	Lithium	53	3,495	U	
979EX043(7.0)	08/12/98	Manganese	500	7,456		
979EX043(7.0)	08/12/98	Mercury	0.15	2.79	J	
979EX043(7.0)	08/12/98	Molybdenum	2.1	885.4	U	
979EX043(7.0)	08/12/98	Nickel	310	5,500		
979EX043(7.0)	08/12/98	Selenium	27	885.4	U	
979EX043(7.0)	08/12/98	Silver	1.1	2.0	U	
979EX043(7.0)	08/12/98	Strontium	140	107,180		
979EX043(7.0)	08/12/98	Thallium	5.3	14.21	U	
979EX043(7.0)	08/12/98	Tin	11	107,180	UJ	
979EX043(7.0)	08/12/98	Vanadium	29	76		
979EX043(7.0)	08/12/98	Zinc	130	89		
Test Pit 2						
979EX011(7.5)5	10/08/98	cis-1,2-Dichloroethene	0.0058	467	U	
979EX011(7.5)5	10/08/98	trans-1,2-Dichloroethene	0.0058	1,027	U	
979EX011(7.5)5	10/08/98	Trichloroethene	0.0058	1.3	U	
979EX011(7.5)5	10/08/98	Vinyl Chloride	0.012	3.0	U	
979EX011(7.5)5	10/08/98	Acetone	0.023	6,300	U	
979EX011(7.5)5	10/08/98	Bromodichloromethane	0.0058	1.89	U	
979EX011(7.5)5	10/08/98	Bromoform	0.0058	168	U	
979EX011(7.5)5	10/08/98	Bromomethane	0.012	20.4	U	
979EX011(7.5)5	10/08/98	2-Butanone	0.023	21,300	U	
979EX011(7.5)5	10/08/98	Carbon Disulfide	0.0058	22.5	U	
979EX011(7.5)5	10/08/98	Carbon Tetrachloride	0.0058	0.69	UJ	
979EX011(7.5)5	10/08/98	Chlorobenzene	0.0058	195	U	
979EX011(7.5)5	10/08/98	Chloroethane	0.012	3,300	U	
979EX011(7.5)5	10/08/98	Chloroform	0.0058	0.75	U	
979EX011(7.5)5	10/08/98	Chloromethane	0.012	3.6	U	
979EX011(7.5)5	10/08/98	Dibromochloromethane	0.0058	15.9	U	
979EX011(7.5)5	10/08/98	1,2-Dichlorobenzene	0.0058	2,100	U	
979EX011(7.5)5	10/08/98	1,3-Dichlorobenzene	0.0058	1,500	U	
979EX011(7.5)5	10/08/98	1,4-Dichlorobenzene	0.0058	10.8	U	
979EX011(7.5)5	10/08/98	1,1-Dichloroethane	0.0058	1,500	U	
979EX011(7.5)5	10/08/98	1,2-Dichloroethane	0.0058	0.75	U	
979EX011(7.5)5	10/08/98	1,1-Dichloroethene	0.0058	0.111	U	
979EX011(7.5)5	10/08/98	1,2-Dichloropropane	0.0058	0.93	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 4 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX011(7.5)5	10/08/98	1,3-Dichloropropene	0.012	0.75	U	
979EX011(7.5)5	10/08/98	2-Hexanone	0.023	NA	U	
979EX011(7.5)5	10/08/98	4-Methyl-2-Pentanone	0.023	2,310	U	
979EX011(7.5)5	10/08/98	Methylene Chloride	0.0058	54	U	
979EX011(7.5)5	10/08/98	Styrene	0.0058	2,040	U	
979EX011(7.5)5	10/08/98	1,1,2,2-Tetrachloroethane	0.0058	1.35	U	
979EX011(7.5)5	10/08/98	Tetrachloroethene	0.0058	15	U	
979EX011(7.5)5	10/08/98	1,1,1-Trichloroethane	0.0058	3,600	U	
979EX011(7.5)5	10/08/98	1,1,2-Trichloroethane	0.0058	1.95	U	
979EX011(7.5)5	10/08/98	Trichlorofluoromethane	0.012	1,140	U	
979EX011(7.5)5	10/08/98	Vinyl Acetate	0.012	2,340	U	
979EX011(7.5)5	10/08/98	Gasoline	1.2	1,690	U	
979EX011(7.5)5	10/08/98	Diesel	12	1,950	U	
979EX011(7.5)5	10/08/98	Fuel Oil	12	2,730	U	
979EX011(7.5)5	10/08/98	Benzene	0.0058	1.0	U	
979EX011(7.5)5	10/08/98	Toluene	0.0058	14	U	
979EX011(7.5)5	10/08/98	Ethylbenzene	0.0058	19	U	
979EX011(7.5)5	10/08/98	Xylenes (Total)	0.0058	4,340	U	
979EX011(7.5)5	10/08/98	Total Carcinogenic PAHs	0.179	253	U	
979EX011(7.5)5	10/08/98	Benzo(a)anthracene	0.092	See Total	U	
979EX011(7.5)5	10/08/98	Benzo(a)pyrene	0.023	9	U	
979EX011(7.5)5	10/08/98	Benzo(b)fluoranthene	0.0092	See Total	U	
979EX011(7.5)5	10/08/98	Benzo(k)fluoranthene	0.0092	See Total	U	
979EX011(7.5)5	10/08/98	Chrysene	0.046	See Total	U	
979EX011(7.5)5	10/08/98	4,4'-DDD	0.018	0.504	U	
979EX011(7.5)5	10/08/98	4,4'-DDE	0.0023	0.514	U	
979EX011(7.5)5	10/08/98	4,4'-DDT	0.0045	0.496	U	
979EX011(7.5)5	10/08/98	Aldrin	0.0091	0.06	U	
979EX011(7.5)5	10/08/98	Alpha-BHC	0.0091	0.16	U	
979EX011(7.5)5	10/08/98	Beta-BHC	0.0091	0.58	U	
979EX011(7.5)5	10/08/98	Chlordane	0.091	0.161	U	
979EX011(7.5)5	10/08/98	Dieldrin	0.018	0.0469	U	
979EX011(7.5)5	10/08/98	Endosulfan (Total)	0.027	908.7	U	
979EX011(7.5)5	10/08/98	Endrin	0.018	46.6	U	
979EX011(7.5)5	10/08/98	Gamma-BHC (Lindane)	0.0091	0.94	U	
979EX011(7.5)5	10/08/98	Heptachlor	0.0091	0.18	U	
979EX011(7.5)5	10/08/98	Heptachlor Epoxide	0.0091	0.11	U	
979EX011(7.5)5	10/08/98	Methoxychlor	0.091	768.9	U	
979EX011(7.5)5	10/08/98	Toxaphene	0.18	0.93	U	
979EX011(7.5)5	10/08/98	PCBs (Total)	0.622	1.0	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 5 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX011(7.5)5	10/08/98	Aroclor-1016	0.091	See Total	U	
979EX011(7.5)5	10/08/98	Aroclor-1221	0.076	See Total	U	
979EX011(7.5)5	10/08/98	Aroclor-1232	0.091	See Total	U	
979EX011(7.5)5	10/08/98	Aroclor-1242	0.091	See Total	U	
979EX011(7.5)5	10/08/98	Aroclor-1248	0.091	See Total	U	
979EX011(7.5)5	10/08/98	Aroclor-1254	0.091	See Total	U	
979EX011(7.5)5	10/08/98	Aroclor-1260	0.091	See Total	U	
979EX011(7.5)5	10/08/98	Aluminum	4,000	179,410		
979EX011(7.5)5	10/08/98	Antimony	3.5	5	U	
979EX011(7.5)5	10/08/98	Arsenic	3	4.56		
979EX011(7.5)5	10/08/98	Barium	9.1	500		
979EX011(7.5)5	10/08/98	Beryllium	0.23	0.33	U	
979EX011(7.5)5	10/08/98	Cadmium	0.58	3.99	U	
979EX011(7.5)5	10/08/98	Chromium	63	1,300		
979EX011(7.5)5	10/08/98	Cobalt	8.3	159		
979EX011(7.5)5	10/08/98	Copper	3.4	88		
979EX011(7.5)5	10/08/98	Lead	12	477	U	
979EX011(7.5)5	10/08/98	Lithium	58	3,495	U	
979EX011(7.5)5	10/08/98	Manganese	140	7,456		
979EX011(7.5)5	10/08/98	Mercury	0.29	2.79	U	
979EX011(7.5)5	10/08/98	Molybdenum	2.3	885.4	U	
979EX011(7.5)5	10/08/98	Nickel	72	5,500		
979EX011(7.5)5	10/08/98	Selenium	29	885.4	U	
979EX011(7.5)5	10/08/98	Silver	1.2	2.0	U	
979EX011(7.5)5	10/08/98	Strontium	58	107,180	U	
979EX011(7.5)5	10/08/98	Thallium	5.8	14.21	U	
979EX011(7.5)5	10/08/98	Tin	12	107,180	U	
979EX011(7.5)5	10/08/98	Vanadium	18	76		
979EX011(7.5)5	10/08/98	Zinc	14	89		
979EX012(7.5)	08/17/98	cis-1,2-Dichloroethene	0.0052	467	U	
979EX012(7.5)	08/17/98	trans-1,2-Dichloroethene	0.0052	1,027	U	
979EX012(7.5)	08/17/98	Trichloroethene	0.0052	1.3	U	
979EX012(7.5)	08/17/98	Vinyl Chloride	0.01	3.0	U	
979EX012(7.5)	08/17/98	Acetone	0.021	6,300	U	
979EX012(7.5)	08/17/98	Bromodichloromethane	0.0052	1.89	U	
979EX012(7.5)	08/17/98	Bromoform	0.0052	168	U	
979EX012(7.5)	08/17/98	Bromomethane	0.01	20.4	U	
979EX012(7.5)	08/17/98	2-Butanone	0.021	21,300	U	
979EX012(7.5)	08/17/98	Carbon Disulfide	0.0052	22.5	U	
979EX012(7.5)	08/17/98	Carbon Tetrachloride	0.0052	0.69	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 6 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX012(7.5)	08/17/98	Chlorobenzene	0.0052	195	U	
979EX012(7.5)	08/17/98	Chloroethane	0.01	3,300	U	
979EX012(7.5)	08/17/98	Chloroform	0.0052	0.75	U	
979EX012(7.5)	08/17/98	Chloromethane	0.01	3.6	U	
979EX012(7.5)	08/17/98	Dibromochloromethane	0.0052	15.9	U	
979EX012(7.5)	08/17/98	1,2-Dichlorobenzene	0.0052	2,100	U	
979EX012(7.5)	08/17/98	1,3-Dichlorobenzene	0.0052	1,500	U	
979EX012(7.5)	08/17/98	1,4-Dichlorobenzene	0.0052	10.8	U	
979EX012(7.5)	08/17/98	1,1-Dichloroethane	0.0052	1,500	U	
979EX012(7.5)	08/17/98	1,2-Dichloroethane	0.0052	0.75	U	
979EX012(7.5)	08/17/98	1,1-Dichloroethene	0.0052	0.111	U	
979EX012(7.5)	08/17/98	1,2-Dichloropropane	0.0052	0.93	U	
979EX012(7.5)	08/17/98	1,3-Dichloropropene	0.010	0.75	U	
979EX012(7.5)	08/17/98	2-Hexanone	0.021	NA	U	
979EX012(7.5)	08/17/98	4-Methyl-2-Pentanone	0.021	2,310	U	
979EX012(7.5)	08/17/98	Methylene Chloride	0.0052	54	U	
979EX012(7.5)	08/17/98	Styrene	0.0052	2,040	U	
979EX012(7.5)	08/17/98	1,1,2,2-Tetrachloroethane	0.0052	1.35	U	
979EX012(7.5)	08/17/98	Tetrachloroethene	0.0052	15	U	
979EX012(7.5)	08/17/98	1,1,1-Trichloroethane	0.0052	3,600	U	
979EX012(7.5)	08/17/98	1,1,2-Trichloroethane	0.0052	1.95	U	
979EX012(7.5)	08/17/98	Trichlorofluoromethane	0.01	1,140	U	
979EX012(7.5)	08/17/98	Vinyl Acetate	0.01	2,340	U	
979EX012(7.5)	08/17/98	Gasoline	1	1,690	U	
979EX012(7.5)	08/17/98	Diesel	10	1,950	U	
979EX012(7.5)	08/17/98	Fuel Oil	52	2,730	U	
979EX012(7.5)	08/17/98	Benzene	0.0052	1.0	U	
979EX012(7.5)	08/17/98	Toluene	0.0052	14	U	
979EX012(7.5)	08/17/98	Ethylbenzene	0.0052	19	U	
979EX012(7.5)	08/17/98	Xylenes (Total)	0.0052	4,340	U	
979EX012(7.5)	08/17/98	Total Carcinogenic PAHs	0.164	253	U	
979EX012(7.5)	08/17/98	Benzo(a)anthracene	0.084	See Total	U	
979EX012(7.5)	08/17/98	Benzo(a)pyrene	0.021	9	U	
979EX012(7.5)	08/17/98	Benzo(b)fluoranthene	0.0084	See Total	U	
979EX012(7.5)	08/17/98	Benzo(k)fluoranthene	0.0084	See Total	U	
979EX012(7.5)	08/17/98	Chrysene	0.042	See Total	U	
979EX012(7.5)	08/17/98	4,4'-DDD	0.017	0.504	U	
979EX012(7.5)	08/17/98	4,4'-DDE	0.0021	0.514	U	
979EX012(7.5)	08/17/98	4,4'-DDT	0.0042	0.496	U	
979EX012(7.5)	08/17/98	Aldrin	0.0084	0.06	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 7 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX012(7.5)	08/17/98	Alpha-BHC	0.0084	0.16	U	
979EX012(7.5)	08/17/98	Beta-BHC	0.0084	0.58	U	
979EX012(7.5)	08/17/98	Chlordane	0.084	0.161	U	
979EX012(7.5)	08/17/98	Dieldrin	0.017	0.0469	U	
979EX012(7.5)	08/17/98	Endosulfan (Total)	0.025	908.7	U	
979EX012(7.5)	08/17/98	Endrin	0.017	46.6	U	
979EX012(7.5)	08/17/98	Gamma-BHC (Lindane)	0.0084	0.94	U	
979EX012(7.5)	08/17/98	Heptachlor	0.0084	0.18	U	
979EX012(7.5)	08/17/98	Heptachlor Epoxide	0.0084	0.11	U	
979EX012(7.5)	08/17/98	Methoxychlor	0.084	768.9	U	
979EX012(7.5)	08/17/98	Toxaphene	0.17	0.93	UJ	
979EX012(7.5)	08/17/98	PCBs (Total)	0.574	1.0	U	
979EX012(7.5)	08/17/98	Aroclor-1016	0.084	See Total	U	
979EX012(7.5)	08/17/98	Aroclor-1221	0.07	See Total	U	
979EX012(7.5)	08/17/98	Aroclor-1232	0.084	See Total	U	
979EX012(7.5)	08/17/98	Aroclor-1242	0.084	See Total	U	
979EX012(7.5)	08/17/98	Aroclor-1248	0.084	See Total	U	
979EX012(7.5)	08/17/98	Aroclor-1254	0.084	See Total	U	
979EX012(7.5)	08/17/98	Aroclor-1260	0.084	See Total	U	
979EX012(7.5)	08/17/98	Aluminum	3,100	179,410	J-	
979EX012(7.5)	08/17/98	Antimony	3.1	5	U	
979EX012(7.5)	08/17/98	Arsenic	3.1	4.56		
979EX012(7.5)	08/17/98	Barium	10	500	J+	
979EX012(7.5)	08/17/98	Beryllium	0.21	0.33	U	
979EX012(7.5)	08/17/98	Cadmium	0.52	3.99	U	
979EX012(7.5)	08/17/98	Chromium	300	1,300		
979EX012(7.5)	08/17/98	Cobalt	17	159		
979EX012(7.5)	08/17/98	Copper	4.7	88		
979EX012(7.5)	08/17/98	Lead	10	477	U	
979EX012(7.5)	08/17/98	Lithium	52	3,495	U	
979EX012(7.5)	08/17/98	Manganese	230	7,456		
979EX012(7.5)	08/17/98	Mercury	0.26	2.79	U	
979EX012(7.5)	08/17/98	Molybdenum	2.1	885.4	U	
979EX012(7.5)	08/17/98	Nickel	410	5,500		
979EX012(7.5)	08/17/98	Selenium	26	885.4	U	
979EX012(7.5)	08/17/98	Silver	1	2.0	U	
979EX012(7.5)	08/17/98	Strontium	52	107,180	U	
979EX012(7.5)	08/17/98	Thallium	5.2	14.21	UJ	
979EX012(7.5)	08/17/98	Tin	10	107,180	U	
979EX012(7.5)	08/17/98	Vanadium	19	76		

Footnotes at end of table.
L:\CF Closure\TBL979.XLS

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 8 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX012(7.5)	08/17/98	Zinc	13	89		
979EX013(7.5)	08/17/98	cis-1,2-Dichloroethene	0.0051	467	UJ	
979EX013(7.5)	08/17/98	trans-1,2-Dichloroethene	0.0051	1,027	UJ	
979EX013(7.5)	08/17/98	Trichloroethene	0.0051	1.3	UJ	
979EX013(7.5)	08/17/98	Vinyl Chloride	0.01	3.0	UJ	
979EX013(7.5)	08/17/98	Acetone	0.02	6,300	UJ	
979EX013(7.5)	08/17/98	Bromodichloromethane	0.0051	1.89	UJ	
979EX013(7.5)	08/17/98	Bromoform	0.0051	168	UJ	
979EX013(7.5)	08/17/98	Bromomethane	0.01	20.4	UJ	
979EX013(7.5)	08/17/98	2-Butanone	0.02	21,300	UJ	
979EX013(7.5)	08/17/98	Carbon Disulfide	0.0051	22.5	UJ	
979EX013(7.5)	08/17/98	Carbon Tetrachloride	0.0051	0.69	UJ	
979EX013(7.5)	08/17/98	Chlorobenzene	0.0051	195	UJ	
979EX013(7.5)	08/17/98	Chloroethane	0.01	3,300	UJ	
979EX013(7.5)	08/17/98	Chloroform	0.0051	0.75	UJ	
979EX013(7.5)	08/17/98	Chloromethane	0.01	3.6	UJ	
979EX013(7.5)	08/17/98	Dibromochloromethane	0.0051	15.9	UJ	
979EX013(7.5)	08/17/98	1,2-Dichlorobenzene	0.0051	2,100	UJ	
979EX013(7.5)	08/17/98	1,3-Dichlorobenzene	0.0051	1,500	UJ	
979EX013(7.5)	08/17/98	1,4-Dichlorobenzene	0.0051	10.8	UJ	
979EX013(7.5)	08/17/98	1,1-Dichloroethane	0.0051	1,500	UJ	
979EX013(7.5)	08/17/98	1,2-Dichloroethane	0.0051	0.75	UJ	
979EX013(7.5)	08/17/98	1,1-Dichloroethene	0.0051	0.111	UJ	
979EX013(7.5)	08/17/98	1,2-Dichloropropane	0.0051	0.93	UJ	
979EX013(7.5)	08/17/98	1,3-Dichloropropene	0.010	0.75	UJ	
979EX013(7.5)	08/17/98	2-Hexanone	0.02	NA	UJ	
979EX013(7.5)	08/17/98	4-Methyl-2-Pentanone	0.02	2,310	UJ	
979EX013(7.5)	08/17/98	Methylene Chloride	0.0051	54	UJ	
979EX013(7.5)	08/17/98	Styrene	0.0051	2,040	UJ	
979EX013(7.5)	08/17/98	1,1,2,2-Tetrachloroethane	0.0051	1.35	UJ	
979EX013(7.5)	08/17/98	Tetrachloroethene	0.0051	15	UJ	
979EX013(7.5)	08/17/98	1,1,1-Trichloroethane	0.0051	3,600	UJ	
979EX013(7.5)	08/17/98	1,1,2-Trichloroethane	0.0051	1.95	UJ	
979EX013(7.5)	08/17/98	Trichlorofluoromethane	0.01	1,140	UJ	
979EX013(7.5)	08/17/98	Vinyl Acetate	0.01	2,340	UJ	
979EX013(7.5)	08/17/98	Gasoline	1	1,690	U	
979EX013(7.5)	08/17/98	Diesel	10	1,950	U	
979EX013(7.5)	08/17/98	Fuel Oil	51	2,730	U	
979EX013(7.5)	08/17/98	Benzene	0.0051	1.0	UJ	
979EX013(7.5)	08/17/98	Toluene	0.0051	14	UJ	

Footnotes at end of table.

L:\CF Closure\TBL979.XLS

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 9 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX013(7.5)	08/17/98	Ethylbenzene	0.0051	19	UJ	
979EX013(7.5)	08/17/98	Xylenes (Total)	0.0051	4,340	UJ	
979EX013(7.5)	08/17/98	Total Carcinogenic PAHs	0.158	253	U	
979EX013(7.5)	08/17/98	Benzo(a)anthracene	0.081	See Total	U	
979EX013(7.5)	08/17/98	Benzo(a)pyrene	0.02	9	U	
979EX013(7.5)	08/17/98	Benzo(b)fluoranthene	0.0081	See Total	U	
979EX013(7.5)	08/17/98	Benzo(k)fluoranthene	0.0081	See Total	U	
979EX013(7.5)	08/17/98	Chrysene	0.041	See Total	U	
979EX013(7.5)	08/17/98	4,4'-DDD	0.016	0.504	U	
979EX013(7.5)	08/17/98	4,4'-DDE	0.002	0.514	U	
979EX013(7.5)	08/17/98	4,4'-DDT	0.0041	0.496	U	
979EX013(7.5)	08/17/98	Aldrin	0.0081	0.06	U	
979EX013(7.5)	08/17/98	Alpha-BHC	0.0081	0.16	U	
979EX013(7.5)	08/17/98	Beta-BHC	0.0081	0.58	U	
979EX013(7.5)	08/17/98	Chlordane	0.081	0.161	U	
979EX013(7.5)	08/17/98	Dieldrin	0.016	0.0469	U	
979EX013(7.5)	08/17/98	Endosulfan (Total)	0.024	908.7	U	
979EX013(7.5)	08/17/98	Endrin	0.016	46.6	U	
979EX013(7.5)	08/17/98	Gamma-BHC (Lindane)	0.0081	0.94	U	
979EX013(7.5)	08/17/98	Heptachlor	0.0081	0.18	U	
979EX013(7.5)	08/17/98	Heptachlor Epoxide	0.0081	0.11	U	
979EX013(7.5)	08/17/98	Methoxychlor	0.081	768.9	U	
979EX013(7.5)	08/17/98	Toxaphene	0.16	0.93	UJ	
979EX013(7.5)	08/17/98	PCBs (Total)	0.554	1.0	U	
979EX013(7.5)	08/17/98	Aroclor-1016	0.081	See Total	U	
979EX013(7.5)	08/17/98	Aroclor-1221	0.068	See Total	U	
979EX013(7.5)	08/17/98	Aroclor-1232	0.081	See Total	U	
979EX013(7.5)	08/17/98	Aroclor-1242	0.081	See Total	U	
979EX013(7.5)	08/17/98	Aroclor-1248	0.081	See Total	U	
979EX013(7.5)	08/17/98	Aroclor-1254	0.081	See Total	U	
979EX013(7.5)	08/17/98	Aroclor-1260	0.081	See Total	U	
979EX013(7.5)	08/17/98	Aluminum	3,500	179,410	J-	
979EX013(7.5)	08/17/98	Antimony	3	5	U	
979EX013(7.5)	08/17/98	Arsenic	3.3	4.56		
979EX013(7.5)	08/17/98	Barium	12	500	J+	
979EX013(7.5)	08/17/98	Beryllium	0.2	0.33	U	
979EX013(7.5)	08/17/98	Cadmium	0.51	3.99	U	
979EX013(7.5)	08/17/98	Chromium	120	1,300		
979EX013(7.5)	08/17/98	Cobalt	11	159		
979EX013(7.5)	08/17/98	Copper	3.8	88		

Footnotes at end of table.
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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 10 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX013(7.5)	08/17/98	Lead	6.8	477	J+	
979EX013(7.5)	08/17/98	Lithium	51	3,495	U	
979EX013(7.5)	08/17/98	Manganese	170	7,456		
979EX013(7.5)	08/17/98	Mercury	0.25	2.79	U	
979EX013(7.5)	08/17/98	Molybdenum	2	885.4	U	
979EX013(7.5)	08/17/98	Nickel	160	5,500		
979EX013(7.5)	08/17/98	Selenium	25	885.4	U	
979EX013(7.5)	08/17/98	Silver	1	2.0	U	
979EX013(7.5)	08/17/98	Strontium	51	107,180	U	
979EX013(7.5)	08/17/98	Thallium	5.1	14.21	UJ	
979EX013(7.5)	08/17/98	Tin	10	107,180	U	
979EX013(7.5)	08/17/98	Vanadium	20	76		
979EX013(7.5)	08/17/98	Zinc	14	89		
979EX014(7.5)	05/06/98	cis-1,2-Dichloroethene	0.0057	467	U	
979EX014(7.5)	05/06/98	trans-1,2-Dichloroethene	0.0057	1,027	U	
979EX014(7.5)	05/06/98	Trichloroethene	0.0057	1.3	U	
979EX014(7.5)	05/06/98	Vinyl Chloride	0.011	3.0	U	
979EX014(7.5)	05/06/98	Acetone	0.023	6,300	UJ	
979EX014(7.5)	05/06/98	Bromodichloromethane	0.0057	1.89	U	
979EX014(7.5)	05/06/98	Bromoform	0.0057	168	U	
979EX014(7.5)	05/06/98	Bromomethane	0.011	20.4	U	
979EX014(7.5)	05/06/98	2-Butanone	0.023	21,300	U	
979EX014(7.5)	05/06/98	Carbon Disulfide	0.0057	22.5	U	
979EX014(7.5)	05/06/98	Carbon Tetrachloride	0.0057	0.69	U	
979EX014(7.5)	05/06/98	Chlorobenzene	0.0057	195	U	
979EX014(7.5)	05/06/98	Chloroethane	0.011	3,300	U	
979EX014(7.5)	05/06/98	Chloroform	0.0057	0.75	U	
979EX014(7.5)	05/06/98	Chloromethane	0.011	3.6	U	
979EX014(7.5)	05/06/98	Dibromochloromethane	0.0057	15.9	U	
979EX014(7.5)	05/06/98	1,2-Dichlorobenzene	0.0057	2,100	U	
979EX014(7.5)	05/06/98	1,3-Dichlorobenzene	0.0057	1,500	U	
979EX014(7.5)	05/06/98	1,4-Dichlorobenzene	0.0057	10.8	U	
979EX014(7.5)	05/06/98	1,1-Dichloroethane	0.0057	1,500	U	
979EX014(7.5)	05/06/98	1,2-Dichloroethane	0.0057	0.75	U	
979EX014(7.5)	05/06/98	1,1-Dichloroethene	0.0057	0.111	UJ	
979EX014(7.5)	05/06/98	1,2-Dichloropropane	0.0057	0.93	U	
979EX014(7.5)	05/06/98	1,3-Dichloropropene	0.011	0.75	U	
979EX014(7.5)	05/06/98	2-Hexanone	0.023	NA	U	
979EX014(7.5)	05/06/98	4-Methyl-2-Pentanone	0.023	2,310	U	
979EX014(7.5)	05/06/98	Methylene Chloride	0.005	54	J	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 11 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX014(7.5)	05/06/98	Styrene	0.0057	2,040	U	
979EX014(7.5)	05/06/98	1,1,2,2-Tetrachloroethane	0.0057	1.35	U	
979EX014(7.5)	05/06/98	Tetrachloroethene	0.0057	15	U	
979EX014(7.5)	05/06/98	1,1,1-Trichloroethane	0.0057	3,600	U	
979EX014(7.5)	05/06/98	1,1,2-Trichloroethane	0.0057	1.95	U	
979EX014(7.5)	05/06/98	Trichlorofluoromethane	0.011	1,140	U	
979EX014(7.5)	05/06/98	Vinyl Acetate	0.011	2,340	U	
979EX014(7.5)	05/06/98	Gasoline	0.57	1,690	U	
979EX014(7.5)	05/06/98	Diesel	11	1,950	U	
979EX014(7.5)	05/06/98	Fuel Oil	11	2,730	U	
979EX014(7.5)	05/06/98	Benzene	0.0057	1.0	U	
979EX014(7.5)	05/06/98	Toluene	0.0057	14	U	
979EX014(7.5)	05/06/98	Ethylbenzene	0.0057	19	U	
979EX014(7.5)	05/06/98	Xylenes (Total)	0.0057	4,340	U	
979EX014(7.5)	05/06/98	Total Carcinogenic PAHs	0.176	253	U	
979EX014(7.5)	05/06/98	Benzo(a)anthracene	0.09	See Total	U	
979EX014(7.5)	05/06/98	Benzo(a)pyrene	0.023	9	UU	
979EX014(7.5)	05/06/98	Benzo(b)fluoranthene	0.009	See Total	U	
979EX014(7.5)	05/06/98	Benzo(k)fluoranthene	0.009	See Total	U	
979EX014(7.5)	05/06/98	Chrysene	0.045	See Total	U	
979EX014(7.5)	05/06/98	4,4'-DDD	0.018	0.504	U	
979EX014(7.5)	05/06/98	4,4'-DDE	0.018	0.514	U	
979EX014(7.5)	05/06/98	4,4'-DDT	0.018	0.496	U	
979EX014(7.5)	05/06/98	Aldrin	0.0019	0.06	U	
979EX014(7.5)	05/06/98	Alpha-BHC	0.0019	0.16	U	
979EX014(7.5)	05/06/98	Beta-BHC	0.0019	0.58	U	
979EX014(7.5)	05/06/98	Chlordane	0.012	0.161	U	
979EX014(7.5)	05/06/98	Dieldrin	0.0037	0.0469	U	
979EX014(7.5)	05/06/98	Endosulfan (Total)	0.006	908.7	U	
979EX014(7.5)	05/06/98	Endrin	0.0037	46.6	U	
979EX014(7.5)	05/06/98	Gamma-BHC (Lindane)	0.0019	0.94	U	
979EX014(7.5)	05/06/98	Heptachlor	0.0019	0.18	U	
979EX014(7.5)	05/06/98	Heptachlor Epoxide	0.0019	0.11	U	
979EX014(7.5)	05/06/98	Methoxychlor	0.019	768.9	U	
979EX014(7.5)	05/06/98	Toxaphene	0.19	0.93	U	
979EX014(7.5)	05/06/98	PCBs (Total)	0.298	1.0	U	
979EX014(7.5)	05/06/98	Aroclor-1016	0.037	See Total	U	
979EX014(7.5)	05/06/98	Aroclor-1221	0.076	See Total	U	
979EX014(7.5)	05/06/98	Aroclor-1232	0.037	See Total	U	
979EX014(7.5)	05/06/98	Aroclor-1242	0.037	See Total	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 12 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX014(7.5)	05/06/98	Aroclor-1248	0.037	See Total	U	
979EX014(7.5)	05/06/98	Aroclor-1254	0.037	See Total	U	
979EX014(7.5)	05/06/98	Aroclor-1260	0.037	See Total	U	
979EX014(7.5)	05/06/98	Aluminum	3,400	179,410		
979EX014(7.5)	05/06/98	Antimony	3.4	5	UJ	
979EX014(7.5)	05/06/98	Arsenic	1.5	4.56	J	
979EX014(7.5)	05/06/98	Barium	16	500		
979EX014(7.5)	05/06/98	Beryllium	0.23	0.33	U	
979EX014(7.5)	05/06/98	Cadmium	0.57	3.99	U	
979EX014(7.5)	05/06/98	Chromium	310	1,300		
979EX014(7.5)	05/06/98	Cobalt	21	159		
979EX014(7.5)	05/06/98	Copper	5.8	88		
979EX014(7.5)	05/06/98	Lead	11	477	U	
979EX014(7.5)	05/06/98	Lithium	57	3,495	UJ	
979EX014(7.5)	05/06/98	Manganese	290	7,456		
979EX014(7.5)	05/06/98	Mercury	0.28	2.79	U	
979EX014(7.5)	05/06/98	Molybdenum	2.3	885.4	U	
979EX014(7.5)	05/06/98	Nickel	490	5,500		
979EX014(7.5)	05/06/98	Selenium	28	885.4	U	
979EX014(7.5)	05/06/98	Silver	1.1	2.0	U	
979EX014(7.5)	05/06/98	Strontium	57	107,180	UJ	
979EX014(7.5)	05/06/98	Thallium	5.7	14.21	U	
979EX014(7.5)	05/06/98	Tin	11	107,180	UJ	
979EX014(7.5)	05/06/98	Vanadium	23	76		
979EX014(7.5)	05/06/98	Zinc	17	89		
979EX014(7.5)DUP ⁿ	05/06/98	cis-1,2-Dichloroethene	0.0057	467	UJ	979DUP050698A ^o
979EX014(7.5)DUP	05/06/98	trans-1,2-Dichloroethene	0.0057	1,027	UJ	
979EX014(7.5)DUP	05/06/98	Trichloroethene	0.0057	1.3	UJ	
979EX014(7.5)DUP	05/06/98	Vinyl Chloride	0.011	3.0	UJ	
979EX014(7.5)DUP	05/06/98	Acetone	0.03	6,300	J-	
979EX014(7.5)DUP	05/06/98	Bromodichloromethane	0.0057	1.89	UJ	
979EX014(7.5)DUP	05/06/98	Bromoform	0.0057	168	UJ	
979EX014(7.5)DUP	05/06/98	Bromomethane	0.011	20.4	UJ	
979EX014(7.5)DUP	05/06/98	2-Butanone	0.023	21,300	UJ	
979EX014(7.5)DUP	05/06/98	Carbon Disulfide	0.0057	22.5	UJ	
979EX014(7.5)DUP	05/06/98	Carbon Tetrachloride	0.0057	0.69	UJ	
979EX014(7.5)DUP	05/06/98	Chlorobenzene	0.0057	195	UJ	
979EX014(7.5)DUP	05/06/98	Chloroethane	0.011	3,300	UJ	
979EX014(7.5)DUP	05/06/98	Chloroform	0.0057	0.75	UJ	
979EX014(7.5)DUP	05/06/98	Chloromethane	0.011	3.6	UJ	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 13 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX014(7.5)DUP	05/06/98	Dibromochloromethane	0.0057	15.9	UJ	
979EX014(7.5)DUP	05/06/98	1,2-Dichlorobenzene	0.0057	2,100	UJ	
979EX014(7.5)DUP	05/06/98	1,3-Dichlorobenzene	0.0057	1,500	UJ	
979EX014(7.5)DUP	05/06/98	1,4-Dichlorobenzene	0.0057	10.8	UJ	
979EX014(7.5)DUP	05/06/98	1,1-Dichloroethane	0.0057	1,500	UJ	
979EX014(7.5)DUP	05/06/98	1,2-Dichloroethane	0.0057	0.75	UJ	
979EX014(7.5)DUP	05/06/98	1,1-Dichloroethene	0.0057	0.111	UJ	
979EX014(7.5)DUP	05/06/98	1,2-Dichloropropane	0.0057	0.93	UJ	
979EX014(7.5)DUP	05/06/98	1,3-Dichloropropene	0.011	0.75	UJ	
979EX014(7.5)DUP	05/06/98	2-Hexanone	0.023	NA	UJ	
979EX014(7.5)DUP	05/06/98	4-Methyl-2-Pentanone	0.023	2,310	UJ	
979EX014(7.5)DUP	05/06/98	Methylene Chloride	0.003	54	J-	
979EX014(7.5)DUP	05/06/98	Styrene	0.0057	2,040	UJ	
979EX014(7.5)DUP	05/06/98	1,1,2,2-Tetrachloroethane	0.0057	1.35	UJ	
979EX014(7.5)DUP	05/06/98	Tetrachloroethene	0.0057	15	UJ	
979EX014(7.5)DUP	05/06/98	1,1,1-Trichloroethane	0.0057	3,600	UJ	
979EX014(7.5)DUP	05/06/98	1,1,2-Trichloroethane	0.0057	1.95	UJ	
979EX014(7.5)DUP	05/06/98	Trichlorofluoromethane	0.011	1,140	UJ	
979EX014(7.5)DUP	05/06/98	Vinyl Acetate	0.011	2,340	UJ	
979EX014(7.5)DUP	05/06/98	Gasoline	0.57	1,690	U	
979EX014(7.5)DUP	05/06/98	Diesel	11	1,950	U	
979EX014(7.5)DUP	05/06/98	Fuel Oil	11	2,730	U	
979EX014(7.5)DUP	05/06/98	Benzene	0.0057	1.0	UJ	
979EX014(7.5)DUP	05/06/98	Toluene	0.0057	14	UJ	
979EX014(7.5)DUP	05/06/98	Ethylbenzene	0.0057	19	UJ	
979EX014(7.5)DUP	05/06/98	Xylenes (Total)	0.0057	4,340	UJ	
979EX014(7.5)DUP	05/06/98	Total Carcinogenic PAHs	0.143	253	J	
979EX014(7.5)DUP	05/06/98	Benzo(a)anthracene	0.047	See Total	J	
979EX014(7.5)DUP	05/06/98	Benzo(a)pyrene	0.034	9	J-	
979EX014(7.5)DUP	05/06/98	Benzo(b)fluoranthene	0.012	See Total		
979EX014(7.5)DUP	05/06/98	Benzo(k)fluoranthene	0.017	See Total		
979EX014(7.5)DUP	05/06/98	Chrysene	0.033	See Total	J	
979EX014(7.5)DUP	05/06/98	4,4'-DDD	0.018	0.504	UJ	
979EX014(7.5)DUP	05/06/98	4,4'-DDE	0.018	0.514	UJ	
979EX014(7.5)DUP	05/06/98	4,4'-DDT	0.018	0.496	UJ	
979EX014(7.5)DUP	05/06/98	Aldrin	0.002	0.06	UJ	
979EX014(7.5)DUP	05/06/98	Alpha-BHC	0.002	0.16	UJ	
979EX014(7.5)DUP	05/06/98	Beta-BHC	0.002	0.58	UJ	
979EX014(7.5)DUP	05/06/98	Chlordane	0.013	0.161	UJ	
979EX014(7.5)DUP	05/06/98	Dieldrin	0.0038	0.0469	UJ	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 14 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX014(7.5)DUP	05/06/98	Endosulfan (Total)	0.006	908.7	UJ	
979EX014(7.5)DUP	05/06/98	Endrin	0.0038	46.6	UJ	
979EX014(7.5)DUP	05/06/98	Gamma-BHC (Lindane)	0.002	0.94	UJ	
979EX014(7.5)DUP	05/06/98	Heptachlor	0.002	0.18	UJ	
979EX014(7.5)DUP	05/06/98	Heptachlor Epoxide	0.002	0.11	UJ	
979EX014(7.5)DUP	05/06/98	Methoxychlor	0.02	768.9	UJ	
979EX014(7.5)DUP	05/06/98	Toxaphene	0.2	0.93	UJ	
979EX014(7.5)DUP	05/06/98	PCBs (Total)	0.305	1.0	UJ	
979EX014(7.5)DUP	05/06/98	Aroclor-1016	0.038	See Total	UJ	
979EX014(7.5)DUP	05/06/98	Aroclor-1221	0.077	See Total	UJ	
979EX014(7.5)DUP	05/06/98	Aroclor-1232	0.038	See Total	UJ	
979EX014(7.5)DUP	05/06/98	Aroclor-1242	0.038	See Total	UJ	
979EX014(7.5)DUP	05/06/98	Aroclor-1248	0.038	See Total	UJ	
979EX014(7.5)DUP	05/06/98	Aroclor-1254	0.038	See Total	UJ	
979EX014(7.5)DUP	05/06/98	Aroclor-1260	0.038	See Total	UJ	
979EX014(7.5)DUP	05/06/98	Aluminum	4,300	179,410		
979EX014(7.5)DUP	05/06/98	Antimony	3.4	5	UJ	
979EX014(7.5)DUP	05/06/98	Arsenic	2.5	4.56	J	
979EX014(7.5)DUP	05/06/98	Barium	31	500		
979EX014(7.5)DUP	05/06/98	Beryllium	0.23	0.33	U	
979EX014(7.5)DUP	05/06/98	Cadmium	0.57	3.99	U	
979EX014(7.5)DUP	05/06/98	Chromium	260	1,300		
979EX014(7.5)DUP	05/06/98	Cobalt	20	159		
979EX014(7.5)DUP	05/06/98	Copper	7.1	88		
979EX014(7.5)DUP	05/06/98	Lead	11	477		
979EX014(7.5)DUP	05/06/98	Lithium	57	3,495	UJ	
979EX014(7.5)DUP	05/06/98	Manganese	260	7,456		
979EX014(7.5)DUP	05/06/98	Mercury	0.29	2.79	U	
979EX014(7.5)DUP	05/06/98	Molybdenum	2.3	885.4	U	
979EX014(7.5)DUP	05/06/98	Nickel	390	5,500		
979EX014(7.5)DUP	05/06/98	Selenium	29	885.4	U	
979EX014(7.5)DUP	05/06/98	Silver	1.1	2.0	U	
979EX014(7.5)DUP	05/06/98	Strontium	57	107,180	UJ	
979EX014(7.5)DUP	05/06/98	Thallium	5.7	14.21	U	
979EX014(7.5)DUP	05/06/98	Tin	11	107,180	UJ	
979EX014(7.5)DUP	05/06/98	Vanadium	33	76		
979EX014(7.5)DUP	05/06/98	Zinc	35	89		
979EX015(8.5)	05/06/98	cis-1,2-Dichloroethene	0.0061	467	UJ	
979EX015(8.5)	05/06/98	trans-1,2-Dichloroethene	0.0061	1,027	UJ	
979EX015(8.5)	05/06/98	Trichloroethene	0.0061	1.3	UJ	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 15 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX015(8.5)	05/06/98	Vinyl Chloride	0.012	3.0	UJ	
979EX015(8.5)	05/06/98	Acetone	0.024	6,300	UJ	
979EX015(8.5)	05/06/98	Bromodichloromethane	0.0061	1.89	UJ	
979EX015(8.5)	05/06/98	Bromoform	0.0061	168	UJ	
979EX015(8.5)	05/06/98	Bromomethane	0.012	20.4	UJ	
979EX015(8.5)	05/06/98	2-Butanone	0.024	21,300	UJ	
979EX015(8.5)	05/06/98	Carbon Disulfide	0.0061	22.5	UJ	
979EX015(8.5)	05/06/98	Carbon Tetrachloride	0.0061	0.69	UJ	
979EX015(8.5)	05/06/98	Chlorobenzene	0.0061	195	UJ	
979EX015(8.5)	05/06/98	Chloroethane	0.012	3,300	UJ	
979EX015(8.5)	05/06/98	Chloroform	0.0061	0.75	UJ	
979EX015(8.5)	05/06/98	Chloromethane	0.012	3.6	UJ	
979EX015(8.5)	05/06/98	Dibromochloromethane	0.0061	15.9	UJ	
979EX015(8.5)	05/06/98	1,2-Dichlorobenzene	0.0061	2,100	UJ	
979EX015(8.5)	05/06/98	1,3-Dichlorobenzene	0.0061	1,500	UJ	
979EX015(8.5)	05/06/98	1,4-Dichlorobenzene	0.0061	10.8	UJ	
979EX015(8.5)	05/06/98	1,1-Dichloroethane	0.0061	1,500	UJ	
979EX015(8.5)	05/06/98	1,2-Dichloroethane	0.0061	0.75	UJ	
979EX015(8.5)	05/06/98	1,1-Dichloroethene	0.0061	0.111	UJ	
979EX015(8.5)	05/06/98	1,2-Dichloropropane	0.0061	0.93	UJ	
979EX015(8.5)	05/06/98	1,3-Dichloropropene	0.012	0.75	UJ	
979EX015(8.5)	05/06/98	2-Hexanone	0.024	NA	UJ	
979EX015(8.5)	05/06/98	4-Methyl-2-Pentanone	0.024	2,310	UJ	
979EX015(8.5)	05/06/98	Methylene Chloride	0.004	54	J-	
979EX015(8.5)	05/06/98	Styrene	0.0061	2,040	UJ	
979EX015(8.5)	05/06/98	1,1,2,2-Tetrachloroethane	0.0061	1.35	UJ	
979EX015(8.5)	05/06/98	Tetrachloroethene	0.0061	15	UJ	
979EX015(8.5)	05/06/98	1,1,1-Trichloroethane	0.0061	3,600	UJ	
979EX015(8.5)	05/06/98	1,1,2-Trichloroethane	0.0061	1.95	UJ	
979EX015(8.5)	05/06/98	Trichlorofluoromethane	0.012	1,140	UJ	
979EX015(8.5)	05/06/98	Vinyl Acetate	0.012	2,340	UJ	
979EX015(8.5)	05/06/98	Gasoline	0.61	1,690	U	
979EX015(8.5)	05/06/98	Diesel	12	1,950	U	
979EX015(8.5)	05/06/98	Fuel Oil	12	2,730	U	
979EX015(8.5)	05/06/98	Benzene	0.0061	1.0	UJ	
979EX015(8.5)	05/06/98	Toluene	0.0061	14	UJ	
979EX015(8.5)	05/06/98	Ethylbenzene	0.0061	19	UJ	
979EX015(8.5)	05/06/98	Xylenes (Total)	0.0061	4,340	UJ	
979EX015(8.5)	05/06/98	Total Carcinogenic PAHs	0.189	253	U	
979EX015(8.5)	05/06/98	Benzo(a)anthracene	0.097	See Total	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 16 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX015(8.5)	05/06/98	Benzo(a)pyrene	0.024	9	UJ	
979EX015(8.5)	05/06/98	Benzo(b)fluoranthene	0.0097	See Total	U	
979EX015(8.5)	05/06/98	Benzo(k)fluoranthene	0.0097	See Total	U	
979EX015(8.5)	05/06/98	Chrysene	0.049	See Total	U	
979EX015(8.5)	05/06/98	4,4'-DDD	0.019	0.504	U	
979EX015(8.5)	05/06/98	4,4'-DDE	0.019	0.514	U	
979EX015(8.5)	05/06/98	4,4'-DDT	0.019	0.496	U	
979EX015(8.5)	05/06/98	Aldrin	0.0021	0.06	U	
979EX015(8.5)	05/06/98	Alpha-BHC	0.0021	0.16	U	
979EX015(8.5)	05/06/98	Beta-BHC	0.0021	0.58	U	
979EX015(8.5)	05/06/98	Chlordane	0.013	0.161	U	
979EX015(8.5)	05/06/98	Dieldrin	0.004	0.0469	U	
979EX015(8.5)	05/06/98	Endosulfan (Total)	0.006	908.7	U	
979EX015(8.5)	05/06/98	Endrin	0.004	46.6	U	
979EX015(8.5)	05/06/98	Gamma-BHC (Lindane)	0.0021	0.94	U	
979EX015(8.5)	05/06/98	Heptachlor	0.0021	0.18	U	
979EX015(8.5)	05/06/98	Heptachlor Epoxide	0.0021	0.11	U	
979EX015(8.5)	05/06/98	Methoxychlor	0.021	768.9	U	
979EX015(8.5)	05/06/98	Toxaphene	0.21	0.93	U	
979EX015(8.5)	05/06/98	PCBs (Total)	0.321	1.0	U	
979EX015(8.5)	05/06/98	Aroclor-1016	0.04	See Total	U	
979EX015(8.5)	05/06/98	Aroclor-1221	0.081	See Total	U	
979EX015(8.5)	05/06/98	Aroclor-1232	0.04	See Total	U	
979EX015(8.5)	05/06/98	Aroclor-1242	0.04	See Total	U	
979EX015(8.5)	05/06/98	Aroclor-1248	0.04	See Total	U	
979EX015(8.5)	05/06/98	Aroclor-1254	0.04	See Total	U	
979EX015(8.5)	05/06/98	Aroclor-1260	0.04	See Total	U	
979EX015(8.5)	05/06/98	Aluminum	3,600	179,410		
979EX015(8.5)	05/06/98	Antimony	3.6	5	UJ	
979EX015(8.5)	05/06/98	Arsenic	2.8	4.56	J	
979EX015(8.5)	05/06/98	Barium	14	500		
979EX015(8.5)	05/06/98	Beryllium	0.24	0.33	U	
979EX015(8.5)	05/06/98	Cadmium	0.61	3.99	U	
979EX015(8.5)	05/06/98	Chromium	210	1,300		
979EX015(8.5)	05/06/98	Cobalt	15	159		
979EX015(8.5)	05/06/98	Copper	5.7	88		
979EX015(8.5)	05/06/98	Lead	7	477	J	
979EX015(8.5)	05/06/98	Lithium	61	3,495	UJ	
979EX015(8.5)	05/06/98	Manganese	210	7,456		
979EX015(8.5)	05/06/98	Mercury	0.3	2.79	U	

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 17 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX015(8.5)	05/06/98	Molybdenum	2.4	885.4	U	
979EX015(8.5)	05/06/98	Nickel	270	5,500		
979EX015(8.5)	05/06/98	Selenium	30	885.4	U	
979EX015(8.5)	05/06/98	Silver	1.2	2.0	U	
979EX015(8.5)	05/06/98	Strontium	61	107,180	UJ	
979EX015(8.5)	05/06/98	Thallium	6.1	14.21	U	
979EX015(8.5)	05/06/98	Tin	12	107,180	UJ	
979EX015(8.5)	05/06/98	Vanadium	23	76		
979EX015(8.5)	05/06/98	Zinc	18	89		
Test Pit 3						
979EX006(7.0)	08/17/98	cis-1,2-Dichloroethene	0.0054	467	U	
979EX006(7.0)	08/17/98	trans-1,2-Dichloroethene	0.0054	1,027	U	
979EX006(7.0)	08/17/98	Trichloroethene	0.0054	1.3	U	
979EX006(7.0)	08/17/98	Vinyl Chloride	0.011	3.0	U	
979EX006(7.0)	08/17/98	Acetone	0.022	6,300	U	
979EX006(7.0)	08/17/98	Bromodichloromethane	0.0054	1.89	U	
979EX006(7.0)	08/17/98	Bromoform	0.0054	168	U	
979EX006(7.0)	08/17/98	Bromomethane	0.011	20.4	U	
979EX006(7.0)	08/17/98	2-Butanone	0.022	21,300	U	
979EX006(7.0)	08/17/98	Carbon Disulfide	0.0054	22.5	U	
979EX006(7.0)	08/17/98	Carbon Tetrachloride	0.0054	0.69	U	
979EX006(7.0)	08/17/98	Chlorobenzene	0.0054	195	U	
979EX006(7.0)	08/17/98	Chloroethane	0.011	3,300	U	
979EX006(7.0)	08/17/98	Chloroform	0.0054	0.75	U	
979EX006(7.0)	08/17/98	Chloromethane	0.011	3.6	U	
979EX006(7.0)	08/17/98	Dibromochloromethane	0.0054	15.9	U	
979EX006(7.0)	08/17/98	1,2-Dichlorobenzene	0.0054	2,100	U	
979EX006(7.0)	08/17/98	1,3-Dichlorobenzene	0.0054	1,500	U	
979EX006(7.0)	08/17/98	1,4-Dichlorobenzene	0.0054	10.8	U	
979EX006(7.0)	08/17/98	1,1-Dichloroethane	0.0054	1,500	U	
979EX006(7.0)	08/17/98	1,2-Dichloroethane	0.0054	0.75	U	
979EX006(7.0)	08/17/98	1,1-Dichloroethene	0.0054	0.111	U	
979EX006(7.0)	08/17/98	1,2-Dichloropropane	0.0054	0.93	U	
979EX006(7.0)	08/17/98	1,3-Dichloropropene	0.011	0.75	U	
979EX006(7.0)	08/17/98	2-Hexanone	0.022	NA	U	
979EX006(7.0)	08/17/98	4-Methyl-2-Pentanone	0.022	2,310	U	
979EX006(7.0)	08/17/98	Methylene Chloride	0.0054	54	U	
979EX006(7.0)	08/17/98	Styrene	0.0054	2,040	U	
979EX006(7.0)	08/17/98	1,1,2,2-Tetrachloroethane	0.0054	1.35	U	
979EX006(7.0)	08/17/98	Tetrachloroethene	0.0054	15	U	

Footnotes at end of table.
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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 18 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX006(7.0)	08/17/98	1,1,1-Trichloroethane	0.0054	3,600	U	
979EX006(7.0)	08/17/98	1,1,2-Trichloroethane	0.0054	1.95	U	
979EX006(7.0)	08/17/98	Trichlorofluoromethane	0.011	1,140	U	
979EX006(7.0)	08/17/98	Vinyl Acetate	0.011	2,340	U	
979EX006(7.0)	08/17/98	Gasoline	1.1	1,690	U	
979EX006(7.0)	08/17/98	Diesel	11	1,950	U	
979EX006(7.0)	08/17/98	Fuel Oil	54	2,730	U	
979EX006(7.0)	08/17/98	Benzene	0.0054	1.0	U	
979EX006(7.0)	08/17/98	Toluene	0.0054	14	U	
979EX006(7.0)	08/17/98	Ethylbenzene	0.0054	19	U	
979EX006(7.0)	08/17/98	Xylenes (Total)	0.0054	4,340	U	
979EX006(7.0)	08/17/98	Total Carcinogenic PAHs	0.846	253	U	
979EX006(7.0)	08/17/98	Benzo(a)anthracene	0.43	See Total	U	
979EX006(7.0)	08/17/98	Benzo(a)pyrene	0.11	9	U	
979EX006(7.0)	08/17/98	Benzo(b)fluoranthene	0.043	See Total	U	
979EX006(7.0)	08/17/98	Benzo(k)fluoranthene	0.043	See Total	U	
979EX006(7.0)	08/17/98	Chrysene	0.22	See Total	U	
979EX006(7.0)	08/17/98	4,4'-DDD	0.017	0.504	U	
979EX006(7.0)	08/17/98	4,4'-DDE	0.0022	0.514	U	
979EX006(7.0)	08/17/98	4,4'-DDT	0.0043	0.496	U	
979EX006(7.0)	08/17/98	Aldrin	0.0086	0.06	U	
979EX006(7.0)	08/17/98	Alpha-BHC	0.0086	0.16	U	
979EX006(7.0)	08/17/98	Beta-BHC	0.0086	0.58	U	
979EX006(7.0)	08/17/98	Chlordane	0.086	0.161	U	
979EX006(7.0)	08/17/98	Dieldrin	0.017	0.0469	U	
979EX006(7.0)	08/17/98	Endosulfan (Total)	0.026	908.7	U	
979EX006(7.0)	08/17/98	Endrin	0.017	46.6	U	
979EX006(7.0)	08/17/98	Gamma-BHC (Lindane)	0.0086	0.94	U	
979EX006(7.0)	08/17/98	Heptachlor	0.0086	0.18	U	
979EX006(7.0)	08/17/98	Heptachlor Epoxide	0.0086	0.11	U	
979EX006(7.0)	08/17/98	Methoxychlor	0.086	768.9	U	
979EX006(7.0)	08/17/98	Toxaphene	0.17	0.93	UJ	
979EX006(7.0)	08/17/98	PCBs (Total)	0.588	1.0	U	
979EX006(7.0)	08/17/98	Aroclor-1016	0.086	See Total	U	
979EX006(7.0)	08/17/98	Aroclor-1221	0.072	See Total	U	
979EX006(7.0)	08/17/98	Aroclor-1232	0.086	See Total	U	
979EX006(7.0)	08/17/98	Aroclor-1242	0.086	See Total	U	
979EX006(7.0)	08/17/98	Aroclor-1248	0.086	See Total	U	
979EX006(7.0)	08/17/98	Aroclor-1254	0.086	See Total	U	
979EX006(7.0)	08/17/98	Aroclor-1260	0.086	See Total	U	

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 19 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX006(7.0)	08/17/98	Aluminum	7,000	179,410	J-	
979EX006(7.0)	08/17/98	Antimony	3.2	5	U	
979EX006(7.0)	08/17/98	Arsenic	3.2	4.56		
979EX006(7.0)	08/17/98	Barium	49	500	J+	
979EX006(7.0)	08/17/98	Beryllium	0.22	0.33	U	
979EX006(7.0)	08/17/98	Cadmium	0.54	3.99	U	
979EX006(7.0)	08/17/98	Chromium	290	1,300		
979EX006(7.0)	08/17/98	Cobalt	22	159		
979EX006(7.0)	08/17/98	Copper	25	88		
979EX006(7.0)	08/17/98	Lead	51	477	J+	
979EX006(7.0)	08/17/98	Lithium	54	3,495	U	
979EX006(7.0)	08/17/98	Manganese	330	7,456		
979EX006(7.0)	08/17/98	Mercury	0.52	2.79		
979EX006(7.0)	08/17/98	Molybdenum	2.2	885.4	U	
979EX006(7.0)	08/17/98	Nickel	330	5,500		
979EX006(7.0)	08/17/98	Selenium	27	885.4	U	
979EX006(7.0)	08/17/98	Silver	1.1	2.0	U	
979EX006(7.0)	08/17/98	Strontium	54	107,180	U	
979EX006(7.0)	08/17/98	Thallium	5.4	14.21	UJ	
979EX006(7.0)	08/17/98	Tin	11	107,180	U	
979EX006(7.0)	08/17/98	Vanadium	34	76		
979EX006(7.0)	08/17/98	Zinc	59	89		
979EX007(7.0)	04/30/98	cis-1,2-Dichloroethene	0.0054	467	U	
979EX007(7.0)	04/30/98	trans-1,2-Dichloroethene	0.0054	1,027	U	
979EX007(7.0)	04/30/98	Trichloroethene	0.0054	1.3	U	
979EX007(7.0)	04/30/98	Vinyl Chloride	0.011	3.0	U	
979EX007(7.0)	04/30/98	Acetone	0.022	6,300	UJ	
979EX007(7.0)	04/30/98	Bromodichloromethane	0.0054	1.89	U	
979EX007(7.0)	04/30/98	Bromoform	0.0054	168	U	
979EX007(7.0)	04/30/98	Bromomethane	0.011	20.4	U	
979EX007(7.0)	04/30/98	2-Butanone	0.022	21,300	UJ	
979EX007(7.0)	04/30/98	Carbon Disulfide	0.0054	22.5	UJ	
979EX007(7.0)	04/30/98	Carbon Tetrachloride	0.0054	0.69	U	
979EX007(7.0)	04/30/98	Chlorobenzene	0.0054	195	U	
979EX007(7.0)	04/30/98	Chloroethane	0.011	3,300	U	
979EX007(7.0)	04/30/98	Chloroform	0.0054	0.75	U	
979EX007(7.0)	04/30/98	Chloromethane	0.011	3.6	U	
979EX007(7.0)	04/30/98	Dibromochloromethane	0.0054	15.9	U	
979EX007(7.0)	04/30/98	1,2-Dichlorobenzene	0.0054	2,100	U	
979EX007(7.0)	04/30/98	1,3-Dichlorobenzene	0.0054	1,500	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 20 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX007(7.0)	04/30/98	1,4-Dichlorobenzene	0.0054	10.8	U	
979EX007(7.0)	04/30/98	1,1-Dichloroethane	0.0054	1,500	U	
979EX007(7.0)	04/30/98	1,2-Dichloroethane	0.0054	0.75	U	
979EX007(7.0)	04/30/98	1,1-Dichloroethene	0.0054	0.111	U	
979EX007(7.0)	04/30/98	1,2-Dichloropropane	0.0054	0.93	U	
979EX007(7.0)	04/30/98	1,3-Dichloropropene	0.011	0.75	U	
979EX007(7.0)	04/30/98	2-Hexanone	0.022	NA	U	
979EX007(7.0)	04/30/98	4-Methyl-2-Pentanone	0.022	2,310	U	
979EX007(7.0)	04/30/98	Methylene Chloride	0.0054	54	U	
979EX007(7.0)	04/30/98	Styrene	0.0054	2,040	U	
979EX007(7.0)	04/30/98	1,1,2,2-Tetrachloroethane	0.0054	1.35	U	
979EX007(7.0)	04/30/98	Tetrachloroethene	0.0054	15	U	
979EX007(7.0)	04/30/98	1,1,1-Trichloroethane	0.0054	3,600	U	
979EX007(7.0)	04/30/98	1,1,2-Trichloroethane	0.0054	1.95	U	
979EX007(7.0)	04/30/98	Trichlorofluoromethane	0.011	1,140	U	
979EX007(7.0)	04/30/98	Vinyl Acetate	0.011	2,340	U	
979EX007(7.0)	04/30/98	Gasoline	1.1	1,690	U	
979EX007(7.0)	04/30/98	Diesel	11	1,950	U	
979EX007(7.0)	04/30/98	Fuel Oil	54	2,730	U	
979EX007(7.0)	04/30/98	Benzene	0.0054	1.0	U	
979EX007(7.0)	04/30/98	Toluene	0.0054	14	U	
979EX007(7.0)	04/30/98	Ethylbenzene	0.0054	19	U	
979EX007(7.0)	04/30/98	Xylenes (Total)	0.0054	4,340	U	
979EX007(7.0)	04/30/98	Total Carcinogenic PAHs	0.169	253	U	
979EX007(7.0)	04/30/98	Benzo(a)anthracene	0.087	See Total	U	
979EX007(7.0)	04/30/98	Benzo(a)pyrene	0.022	9	U	
979EX007(7.0)	04/30/98	Benzo(b)fluoranthene	0.0087	See Total	U	
979EX007(7.0)	04/30/98	Benzo(k)fluoranthene	0.0087	See Total	U	
979EX007(7.0)	04/30/98	Chrysene	0.043	See Total	U	
979EX007(7.0)	04/30/98	4,4'-DDD	0.017	0.504	U	
979EX007(7.0)	04/30/98	4,4'-DDE	0.0022	0.514	U	
979EX007(7.0)	04/30/98	4,4'-DDT	0.0043	0.496	U	
979EX007(7.0)	04/30/98	Aldrin	0.0087	0.06	U	
979EX007(7.0)	04/30/98	Alpha-BHC	0.0087	0.16	U	
979EX007(7.0)	04/30/98	Beta-BHC	0.0087	0.58	U	
979EX007(7.0)	04/30/98	Chlordane	0.087	0.161	U	
979EX007(7.0)	04/30/98	Dieldrin	0.017	0.0469	U	
979EX007(7.0)	04/30/98	Endosulfan (Total)	0.026	908.7	U	
979EX007(7.0)	04/30/98	Endrin	0.017	46.6	U	
979EX007(7.0)	04/30/98	Gamma-BHC (Lindane)	0.0087	0.94	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 21 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX007(7.0)	04/30/98	Heptachlor	0.0087	0.18	U	
979EX007(7.0)	04/30/98	Heptachlor Epoxide	0.0087	0.11	U	
979EX007(7.0)	04/30/98	Methoxychlor	0.087	768.9	U	
979EX007(7.0)	04/30/98	Toxaphene	0.17	0.93	U	
979EX007(7.0)	04/30/98	PCBs (Total)	0.609	1.0	U	
979EX007(7.0)	04/30/98	Aroclor-1016	0.087	See Total	U	
979EX007(7.0)	04/30/98	Aroclor-1221	0.087	See Total	U	
979EX007(7.0)	04/30/98	Aroclor-1232	0.087	See Total	U	
979EX007(7.0)	04/30/98	Aroclor-1242	0.087	See Total	U	
979EX007(7.0)	04/30/98	Aroclor-1248	0.087	See Total	U	
979EX007(7.0)	04/30/98	Aroclor-1254	0.087	See Total	U	
979EX007(7.0)	04/30/98	Aroclor-1260	0.087	See Total	U	
979EX007(7.0)	04/30/98	Aluminum	3,840	179,410		
979EX007(7.0)	04/30/98	Antimony	3.2	5	U	
979EX007(7.0)	04/30/98	Arsenic	2.7	4.56		
979EX007(7.0)	04/30/98	Barium	21.3	500		
979EX007(7.0)	04/30/98	Beryllium	0.22	0.33	UJ	
979EX007(7.0)	04/30/98	Cadmium	0.54	3.99	UJ	
979EX007(7.0)	04/30/98	Chromium	143	1,300		
979EX007(7.0)	04/30/98	Cobalt	9.7	159		
979EX007(7.0)	04/30/98	Copper	4.1	88		
979EX007(7.0)	04/30/98	Lead	11	477	UJ	
979EX007(7.0)	04/30/98	Lithium	110	3,495	UJ	
979EX007(7.0)	04/30/98	Manganese	157	7,456		
979EX007(7.0)	04/30/98	Mercury	0.27	2.79	U	
979EX007(7.0)	04/30/98	Molybdenum	2.2	885.4	UJ	
979EX007(7.0)	04/30/98	Nickel	128	5,500		
979EX007(7.0)	04/30/98	Selenium	27	885.4	U	
979EX007(7.0)	04/30/98	Silver	1.1	2.0	UJ	
979EX007(7.0)	04/30/98	Strontium	110	107,180	UJ	
979EX007(7.0)	04/30/98	Thallium	5.4	14.21	UJ	
979EX007(7.0)	04/30/98	Tin	22	107,180	UJ	
979EX007(7.0)	04/30/98	Vanadium	33	76		
979EX007(7.0)	04/30/98	Zinc	13.6	89		
979EX008(7.0)	08/17/98	cis-1,2-Dichloroethene	0.0054	467	U	
979EX008(7.0)	08/17/98	trans-1,2-Dichloroethene	0.0054	1,027	U	
979EX008(7.0)	08/17/98	Trichloroethene	0.0054	1.3	U	
979EX008(7.0)	08/17/98	Vinyl Chloride	0.011	3.0	U	
979EX008(7.0)	08/17/98	Acetone	0.022	6,300	U	
979EX008(7.0)	08/17/98	Bromodichloromethane	0.0054	1.89	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 22 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX008(7.0)	08/17/98	Bromoform	0.0054	168	U	
979EX008(7.0)	08/17/98	Bromomethane	0.011	20.4	U	
979EX008(7.0)	08/17/98	2-Butanone	0.022	21,300	U	
979EX008(7.0)	08/17/98	Carbon Disulfide	0.0054	22.5	U	
979EX008(7.0)	08/17/98	Carbon Tetrachloride	0.0054	0.69	U	
979EX008(7.0)	08/17/98	Chlorobenzene	0.0054	195	U	
979EX008(7.0)	08/17/98	Chloroethane	0.011	3,300	U	
979EX008(7.0)	08/17/98	Chloroform	0.0054	0.75	U	
979EX008(7.0)	08/17/98	Chloromethane	0.011	3.6	U	
979EX008(7.0)	08/17/98	Dibromochloromethane	0.0054	15.9	U	
979EX008(7.0)	08/17/98	1,2-Dichlorobenzene	0.0054	2,100	U	
979EX008(7.0)	08/17/98	1,3-Dichlorobenzene	0.0054	1,500	U	
979EX008(7.0)	08/17/98	1,4-Dichlorobenzene	0.0054	10.8	U	
979EX008(7.0)	08/17/98	1,1-Dichloroethane	0.0054	1,500	U	
979EX008(7.0)	08/17/98	1,2-Dichloroethane	0.0054	0.75	U	
979EX008(7.0)	08/17/98	1,1-Dichloroethene	0.0054	0.111	U	
979EX008(7.0)	08/17/98	1,2-Dichloropropane	0.0054	0.93	U	
979EX008(7.0)	08/17/98	1,3-Dichloropropene	0.011	0.75	U	
979EX008(7.0)	08/17/98	2-Hexanone	0.022	NA	U	
979EX008(7.0)	08/17/98	4-Methyl-2-Pentanone	0.022	2,310	U	
979EX008(7.0)	08/17/98	Methylene Chloride	0.0054	54	U	
979EX008(7.0)	08/17/98	Styrene	0.0054	2,040	U	
979EX008(7.0)	08/17/98	1,1,2,2-Tetrachloroethane	0.0054	1.35	U	
979EX008(7.0)	08/17/98	Tetrachloroethene	0.0054	15	U	
979EX008(7.0)	08/17/98	1,1,1-Trichloroethane	0.0054	3,600	U	
979EX008(7.0)	08/17/98	1,1,2-Trichloroethane	0.0054	1.95	U	
979EX008(7.0)	08/17/98	Trichlorofluoromethane	0.011	1,140	U	
979EX008(7.0)	08/17/98	Vinyl Acetate	0.011	2,340	U	
979EX008(7.0)	08/17/98	Gasoline	1.1	1,690	U	
979EX008(7.0)	08/17/98	Diesel	11	1,950	U	
979EX008(7.0)	08/17/98	Fuel Oil	54	2,730	U	
979EX008(7.0)	08/17/98	Benzene	0.0054	1.0	U	
979EX008(7.0)	08/17/98	Toluene	0.0054	14	U	
979EX008(7.0)	08/17/98	Ethylbenzene	0.0054	19	U	
979EX008(7.0)	08/17/98	Xylenes (Total)	0.0054	4,340	U	
979EX008(7.0)	08/17/98	Total Carcinogenic PAHs	0.169	253	U	
979EX008(7.0)	08/17/98	Benzo(a)anthracene	0.087	See Total	U	
979EX008(7.0)	08/17/98	Benzo(a)pyrene	0.022	9	U	
979EX008(7.0)	08/17/98	Benzo(b)fluoranthene	0.0087	See Total	U	
979EX008(7.0)	08/17/98	Benzo(k)fluoranthene	0.0087	See Total	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 23 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX008(7.0)	08/17/98	Chrysene	0.043	See Total	U	
979EX008(7.0)	08/17/98	4,4'-DDD	0.017	0.504	U	
979EX008(7.0)	08/17/98	4,4'-DDE	0.0022	0.514	U	
979EX008(7.0)	08/17/98	4,4'-DDT	0.0043	0.496	U	
979EX008(7.0)	08/17/98	Aldrin	0.0087	0.06	U	
979EX008(7.0)	08/17/98	Alpha-BHC	0.0087	0.16	U	
979EX008(7.0)	08/17/98	Beta-BHC	0.0087	0.58	U	
979EX008(7.0)	08/17/98	Chlordane	0.087	0.161	U	
979EX008(7.0)	08/17/98	Dieldrin	0.017	0.0469	U	
979EX008(7.0)	08/17/98	Endosulfan (Total)	0.026	908.7	U	
979EX008(7.0)	08/17/98	Endrin	0.017	46.6	U	
979EX008(7.0)	08/17/98	Gamma-BHC (Lindane)	0.0087	0.94	U	
979EX008(7.0)	08/17/98	Heptachlor	0.0087	0.18	U	
979EX008(7.0)	08/17/98	Heptachlor Epoxide	0.0087	0.11	U	
979EX008(7.0)	08/17/98	Methoxychlor	0.087	768.9	U	
979EX008(7.0)	08/17/98	Toxaphene	0.17	0.93	UJ	
979EX008(7.0)	08/17/98	PCBs (Total)	0.595	1.0	U	
979EX008(7.0)	08/17/98	Aroclor-1016	0.087	See Total	U	
979EX008(7.0)	08/17/98	Aroclor-1221	0.073	See Total	U	
979EX008(7.0)	08/17/98	Aroclor-1232	0.087	See Total	U	
979EX008(7.0)	08/17/98	Aroclor-1242	0.087	See Total	U	
979EX008(7.0)	08/17/98	Aroclor-1248	0.087	See Total	U	
979EX008(7.0)	08/17/98	Aroclor-1254	0.087	See Total	U	
979EX008(7.0)	08/17/98	Aroclor-1260	0.087	See Total	U	
979EX008(7.0)	08/17/98	Aluminum	3,100	179,410	J-	
979EX008(7.0)	08/17/98	Antimony	3.3	5	U	
979EX008(7.0)	08/17/98	Arsenic	2	4.56	J	
979EX008(7.0)	08/17/98	Barium	5.5	500	J+	
979EX008(7.0)	08/17/98	Beryllium	0.22	0.33	U	
979EX008(7.0)	08/17/98	Cadmium	0.54	3.99	U	
979EX008(7.0)	08/17/98	Chromium	350	1,300		
979EX008(7.0)	08/17/98	Cobalt	25	159		
979EX008(7.0)	08/17/98	Copper	7.7	88		
979EX008(7.0)	08/17/98	Lead	11	477	U	
979EX008(7.0)	08/17/98	Lithium	54	3,495	U	
979EX008(7.0)	08/17/98	Manganese	260	7,456		
979EX008(7.0)	08/17/98	Mercury	0.27	2.79	U	
979EX008(7.0)	08/17/98	Molybdenum	2.2	885.4	U	
979EX008(7.0)	08/17/98	Nickel	680	5,500		
979EX008(7.0)	08/17/98	Selenium	27	885.4	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 24 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX008(7.0)	08/17/98	Silver	1.1	2.0	U	
979EX008(7.0)	08/17/98	Strontium	35	107,180	J	
979EX008(7.0)	08/17/98	Thallium	5.4	14.21	UJ	
979EX008(7.0)	08/17/98	Tin	11	107,180	U	
979EX008(7.0)	08/17/98	Vanadium	20	76		
979EX008(7.0)	08/17/98	Zinc	15	89		
979EX009(7.0)	08/17/98	cis-1,2-Dichloroethene	0.0051	467	U	
979EX009(7.0)	08/17/98	trans-1,2-Dichloroethene	0.0051	1,027	U	
979EX009(7.0)	08/17/98	Trichloroethene	0.0051	1.3	U	
979EX009(7.0)	08/17/98	Vinyl Chloride	0.01	3.0	U	
979EX009(7.0)	08/17/98	Acetone	0.02	6,300	U	
979EX009(7.0)	08/17/98	Bromodichloromethane	0.0051	1.89	U	
979EX009(7.0)	08/17/98	Bromoform	0.0051	168	U	
979EX009(7.0)	08/17/98	Bromomethane	0.01	20.4	U	
979EX009(7.0)	08/17/98	2-Butanone	0.02	21,300	U	
979EX009(7.0)	08/17/98	Carbon Disulfide	0.0051	22.5	U	
979EX009(7.0)	08/17/98	Carbon Tetrachloride	0.0051	0.69	U	
979EX009(7.0)	08/17/98	Chlorobenzene	0.0051	195	U	
979EX009(7.0)	08/17/98	Chloroethane	0.01	3,300	U	
979EX009(7.0)	08/17/98	Chloroform	0.0051	0.75	U	
979EX009(7.0)	08/17/98	Chloromethane	0.01	3.6	U	
979EX009(7.0)	08/17/98	Dibromochloromethane	0.0051	15.9	U	
979EX009(7.0)	08/17/98	1,2-Dichlorobenzene	0.0051	2,100	U	
979EX009(7.0)	08/17/98	1,3-Dichlorobenzene	0.0051	1,500	U	
979EX009(7.0)	08/17/98	1,4-Dichlorobenzene	0.0051	10.8	U	
979EX009(7.0)	08/17/98	1,1-Dichloroethane	0.0051	1,500	U	
979EX009(7.0)	08/17/98	1,2-Dichloroethane	0.0051	0.75	U	
979EX009(7.0)	08/17/98	1,1-Dichloroethene	0.0051	0.111	U	
979EX009(7.0)	08/17/98	1,2-Dichloropropane	0.0051	0.93	U	
979EX009(7.0)	08/17/98	1,3-Dichloropropene	0.010	0.75	U	
979EX009(7.0)	08/17/98	2-Hexanone	0.02	NA	U	
979EX009(7.0)	08/17/98	4-Methyl-2-Pentanone	0.02	2,310	U	
979EX009(7.0)	08/17/98	Methylene Chloride	0.0051	54	U	
979EX009(7.0)	08/17/98	Styrene	0.0051	2,040	U	
979EX009(7.0)	08/17/98	1,1,2,2-Tetrachloroethane	0.0051	1.35	U	
979EX009(7.0)	08/17/98	Tetrachloroethene	0.0051	15	U	
979EX009(7.0)	08/17/98	1,1,1-Trichloroethane	0.0051	3,600	U	
979EX009(7.0)	08/17/98	1,1,2-Trichloroethane	0.0051	1.95	U	
979EX009(7.0)	08/17/98	Trichlorofluoromethane	0.01	1,140	U	
979EX009(7.0)	08/17/98	Vinyl Acetate	0.01	2,340	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 25 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX009(7.0)	08/17/98	Gasoline	1	1,690	U	
979EX009(7.0)	08/17/98	Diesel	10	1,950	U	
979EX009(7.0)	08/17/98	Fuel Oil	51	2,730	U	
979EX009(7.0)	08/17/98	Benzene	0.0051	1.0	U	
979EX009(7.0)	08/17/98	Toluene	0.0051	14	U	
979EX009(7.0)	08/17/98	Ethylbenzene	0.0051	19	U	
979EX009(7.0)	08/17/98	Xylenes (Total)	0.0051	4,340	U	
979EX009(7.0)	08/17/98	Total Carcinogenic PAHs	0.158	253	U	
979EX009(7.0)	08/17/98	Benzo(a)anthracene	0.081	See Total	U	
979EX009(7.0)	08/17/98	Benzo(a)pyrene	0.02	9	U	
979EX009(7.0)	08/17/98	Benzo(b)fluoranthene	0.0081	See Total	U	
979EX009(7.0)	08/17/98	Benzo(k)fluoranthene	0.0081	See Total	U	
979EX009(7.0)	08/17/98	Chrysene	0.041	See Total	U	
979EX009(7.0)	08/17/98	4,4'-DDD	0.016	0.504	U	
979EX009(7.0)	08/17/98	4,4'-DDE	0.002	0.514	U	
979EX009(7.0)	08/17/98	4,4'-DDT	0.0041	0.496	U	
979EX009(7.0)	08/17/98	Aldrin	0.0081	0.06	U	
979EX009(7.0)	08/17/98	Alpha-BHC	0.0081	0.16	U	
979EX009(7.0)	08/17/98	Beta-BHC	0.0081	0.58	U	
979EX009(7.0)	08/17/98	Chlordane	0.081	0.161	U	
979EX009(7.0)	08/17/98	Dieldrin	0.016	0.0469	U	
979EX009(7.0)	08/17/98	Endosulfan (Total)	0.024	908.7	U	
979EX009(7.0)	08/17/98	Endrin	0.016	46.6	U	
979EX009(7.0)	08/17/98	Gamma-BHC (Lindane)	0.0081	0.94	U	
979EX009(7.0)	08/17/98	Heptachlor	0.0081	0.18	U	
979EX009(7.0)	08/17/98	Heptachlor Epoxide	0.0081	0.11	U	
979EX009(7.0)	08/17/98	Methoxychlor	0.081	768.9	U	
979EX009(7.0)	08/17/98	Toxaphene	0.16	0.93	UJ	
979EX009(7.0)	08/17/98	PCBs (Total)	0.554	1.0	U	
979EX009(7.0)	08/17/98	Aroclor-1016	0.081	See Total	U	
979EX009(7.0)	08/17/98	Aroclor-1221	0.068	See Total	U	
979EX009(7.0)	08/17/98	Aroclor-1232	0.081	See Total	U	
979EX009(7.0)	08/17/98	Aroclor-1242	0.081	See Total	U	
979EX009(7.0)	08/17/98	Aroclor-1248	0.081	See Total	U	
979EX009(7.0)	08/17/98	Aroclor-1254	0.081	See Total	U	
979EX009(7.0)	08/17/98	Aroclor-1260	0.081	See Total	U	
979EX009(7.0)	08/17/98	Aluminum	2,700	179,410	J-	
979EX009(7.0)	08/17/98	Antimony	3	5	U	
979EX009(7.0)	08/17/98	Arsenic	3.2	4.56		
979EX009(7.0)	08/17/98	Barium	14	500	J+	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 26 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX009(7.0)	08/17/98	Beryllium	0.2	0.33	U	
979EX009(7.0)	08/17/98	Cadmium	0.51	3.99	U	
979EX009(7.0)	08/17/98	Chromium	130	1,300		
979EX009(7.0)	08/17/98	Cobalt	10	159		
979EX009(7.0)	08/17/98	Copper	4.5	88		
979EX009(7.0)	08/17/98	Lead	5.7	477	J+	
979EX009(7.0)	08/17/98	Lithium	51	3,495	U	
979EX009(7.0)	08/17/98	Manganese	180	7,456		
979EX009(7.0)	08/17/98	Mercury	0.25	2.79	U	
979EX009(7.0)	08/17/98	Molybdenum	2	885.4	U	
979EX009(7.0)	08/17/98	Nickel	180	5,500		
979EX009(7.0)	08/17/98	Selenium	25	885.4	U	
979EX009(7.0)	08/17/98	Silver	1	2.0	U	
979EX009(7.0)	08/17/98	Strontium	51	107,180	U	
979EX009(7.0)	08/17/98	Thallium	5.1	14.21	UJ	
979EX009(7.0)	08/17/98	Tin	10	107,180	U	
979EX009(7.0)	08/17/98	Vanadium	18	76		
979EX009(7.0)	08/17/98	Zinc	15	89		
979EX010(8.0)	04/30/98	cis-1,2-Dichloroethene	0.006	467	U	
979EX010(8.0)	04/30/98	trans-1,2-Dichloroethene	0.006	1,027	U	
979EX010(8.0)	04/30/98	Trichloroethene	0.006	1.3	U	
979EX010(8.0)	04/30/98	Vinyl Chloride	0.012	3.0	U	
979EX010(8.0)	04/30/98	Acetone	0.024	6,300	UJ	
979EX010(8.0)	04/30/98	Bromodichloromethane	0.006	1.89	U	
979EX010(8.0)	04/30/98	Bromoform	0.006	168	U	
979EX010(8.0)	04/30/98	Bromomethane	0.012	20.4	U	
979EX010(8.0)	04/30/98	2-Butanone	0.024	21,300	UJ	
979EX010(8.0)	04/30/98	Carbon Disulfide	0.006	22.5	UJ	
979EX010(8.0)	04/30/98	Carbon Tetrachloride	0.006	0.69	U	
979EX010(8.0)	04/30/98	Chlorobenzene	0.006	195	U	
979EX010(8.0)	04/30/98	Chloroethane	0.012	3,300	U	
979EX010(8.0)	04/30/98	Chloroform	0.006	0.75	U	
979EX010(8.0)	04/30/98	Chloromethane	0.012	3.6	U	
979EX010(8.0)	04/30/98	Dibromochloromethane	0.006	15.9	U	
979EX010(8.0)	04/30/98	1,2-Dichlorobenzene	0.006	2,100	U	
979EX010(8.0)	04/30/98	1,3-Dichlorobenzene	0.006	1,500	U	
979EX010(8.0)	04/30/98	1,4-Dichlorobenzene	0.006	10.8	U	
979EX010(8.0)	04/30/98	1,1-Dichloroethane	0.006	1,500	U	
979EX010(8.0)	04/30/98	1,2-Dichloroethane	0.006	0.75	U	
979EX010(8.0)	04/30/98	1,1-Dichloroethene	0.006	0.111	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 27 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX010(8.0)	04/30/98	1,2-Dichloropropane	0.006	0.93	U	
979EX010(8.0)	04/30/98	1,3-Dichloropropene	0.012	0.75	U	
979EX010(8.0)	04/30/98	2-Hexanone	0.024	NA	U	
979EX010(8.0)	04/30/98	4-Methyl-2-Pentanone	0.024	2,310	U	
979EX010(8.0)	04/30/98	Methylene Chloride	0.006	54	U	
979EX010(8.0)	04/30/98	Styrene	0.006	2,040	U	
979EX010(8.0)	04/30/98	1,1,2,2-Tetrachloroethane	0.006	1.35	U	
979EX010(8.0)	04/30/98	Tetrachloroethene	0.006	15	U	
979EX010(8.0)	04/30/98	1,1,1-Trichloroethane	0.006	3,600	U	
979EX010(8.0)	04/30/98	1,1,2-Trichloroethane	0.006	1.95	U	
979EX010(8.0)	04/30/98	Trichlorofluoromethane	0.012	1,140	U	
979EX010(8.0)	04/30/98	Vinyl Acetate	0.012	2,340	U	
979EX010(8.0)	04/30/98	Gasoline	1.2	1,690	U	
979EX010(8.0)	04/30/98	Diesel	12	1,950	U	
979EX010(8.0)	04/30/98	Fuel Oil	60	2,730	U	
979EX010(8.0)	04/30/98	Benzene	0.006	1.0	U	
979EX010(8.0)	04/30/98	Toluene	0.006	14	U	
979EX010(8.0)	04/30/98	Ethylbenzene	0.006	19	U	
979EX010(8.0)	04/30/98	Xylenes (Total)	0.006	4,340	U	
979EX010(8.0)	04/30/98	Total Carcinogenic PAHs	0.2306	253		
979EX010(8.0)	04/30/98	Benzo(a)anthracene	0.096	See Total	U	
979EX010(8.0)	04/30/98	Benzo(a)pyrene	0.024	9	U	
979EX010(8.0)	04/30/98	Benzo(b)fluoranthene	0.053	See Total		
979EX010(8.0)	04/30/98	Benzo(k)fluoranthene	0.0096	See Total	U	
979EX010(8.0)	04/30/98	Chrysene	0.048	See Total	U	
979EX010(8.0)	04/30/98	4,4'-DDD	0.019	0.504	UJ	
979EX010(8.0)	04/30/98	4,4'-DDE	0.0024	0.514	UJ	
979EX010(8.0)	04/30/98	4,4'-DDT	0.0048	0.496	UJ	
979EX010(8.0)	04/30/98	Aldrin	0.0096	0.06	UJ	
979EX010(8.0)	04/30/98	Alpha-BHC	0.0096	0.16	UJ	
979EX010(8.0)	04/30/98	Beta-BHC	0.0096	0.58	UJ	
979EX010(8.0)	04/30/98	Chlordane	0.096	0.161	UJ	
979EX010(8.0)	04/30/98	Dieldrin	0.019	0.0469	UJ	
979EX010(8.0)	04/30/98	Endosulfan (Total)	0.029	908.7	UJ	
979EX010(8.0)	04/30/98	Endrin	0.019	46.6	UJ	
979EX010(8.0)	04/30/98	Gamma-BHC (Lindane)	0.0096	0.94	UJ	
979EX010(8.0)	04/30/98	Heptachlor	0.0096	0.18	UJ	
979EX010(8.0)	04/30/98	Heptachlor Epoxide	0.0096	0.11	UJ	
979EX010(8.0)	04/30/98	Methoxychlor	0.096	768.9	UJ	
979EX010(8.0)	04/30/98	Toxaphene	0.19	0.93	UJ	

Footnotes at end of table.
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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 28 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX010(8.0)	04/30/98	PCBs (Total)	0.672	1.0	UJ	
979EX010(8.0)	04/30/98	Aroclor-1016	0.096	See Total	UJ	
979EX010(8.0)	04/30/98	Aroclor-1221	0.096	See Total	UJ	
979EX010(8.0)	04/30/98	Aroclor-1232	0.096	See Total	UJ	
979EX010(8.0)	04/30/98	Aroclor-1242	0.096	See Total	UJ	
979EX010(8.0)	04/30/98	Aroclor-1248	0.096	See Total	UJ	
979EX010(8.0)	04/30/98	Aroclor-1254	0.096	See Total	UJ	
979EX010(8.0)	04/30/98	Aroclor-1260	0.096	See Total	UJ	
979EX010(8.0)	04/30/98	Aluminum	5,200	179,410		
979EX010(8.0)	04/30/98	Antimony	3.6	5	U	
979EX010(8.0)	04/30/98	Arsenic	3	4.56	U	
979EX010(8.0)	04/30/98	Barium	15	500		
979EX010(8.0)	04/30/98	Beryllium	0.24	0.33	UJ	
979EX010(8.0)	04/30/98	Cadmium	0.6	3.99	UJ	
979EX010(8.0)	04/30/98	Chromium	620	1,300		
979EX010(8.0)	04/30/98	Cobalt	34	159		
979EX010(8.0)	04/30/98	Copper	11	88		
979EX010(8.0)	04/30/98	Lead	9.7	477		
979EX010(8.0)	04/30/98	Lithium	120	3,495	UJ	
979EX010(8.0)	04/30/98	Manganese	370	7,456		
979EX010(8.0)	04/30/98	Mercury	0.3	2.79	U	
979EX010(8.0)	04/30/98	Molybdenum	2.4	885.4	UJ	
979EX010(8.0)	04/30/98	Nickel	810	5,500		
979EX010(8.0)	04/30/98	Selenium	30	885.4	U	
979EX010(8.0)	04/30/98	Silver	1.2	2.0	UJ	
979EX010(8.0)	04/30/98	Strontium	120	107,180	UJ	
979EX010(8.0)	04/30/98	Thallium	6	14.21	UJ	
979EX010(8.0)	04/30/98	Tin	24	107,180	UJ	
979EX010(8.0)	04/30/98	Vanadium	29.1	76		
979EX010(8.0)	04/30/98	Zinc	25.7	89		
Test Pit 4						
979EX030(7.0)	06/22/98	cis-1,2-Dichloroethene	0.0059	467	U	
979EX030(7.0)	06/22/98	trans-1,2-Dichloroethene	0.0059	1,027	U	
979EX030(7.0)	06/22/98	Trichloroethene	0.0059	1.3	U	
979EX030(7.0)	06/22/98	Vinyl Chloride	0.012	3.0	U	
979EX030(7.0)	06/22/98	Acetone	0.024	6,300	UJ	
979EX030(7.0)	06/22/98	Bromodichloromethane	0.0059	1.89	U	
979EX030(7.0)	06/22/98	Bromoform	0.0059	168	U	
979EX030(7.0)	06/22/98	Bromomethane	0.012	20.4	U	
979EX030(7.0)	06/22/98	2-Butanone	0.024	21,300	UJ	

Footnotes at end of table.

L:\CF Closure\TBL979.XLS

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 29 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX030(7.0)	06/22/98	Carbon Disulfide	0.0059	22.5	U	
979EX030(7.0)	06/22/98	Carbon Tetrachloride	0.0059	0.69	U	
979EX030(7.0)	06/22/98	Chlorobenzene	0.0059	195	U	
979EX030(7.0)	06/22/98	Chloroethane	0.012	3,300	U	
979EX030(7.0)	06/22/98	Chloroform	0.0059	0.75	U	
979EX030(7.0)	06/22/98	Chloromethane	0.012	3.6	U	
979EX030(7.0)	06/22/98	Dibromochloromethane	0.0059	15.9	U	
979EX030(7.0)	06/22/98	1,2-Dichlorobenzene	0.0059	2,100	U	
979EX030(7.0)	06/22/98	1,3-Dichlorobenzene	0.0059	1,500	U	
979EX030(7.0)	06/22/98	1,4-Dichlorobenzene	0.0059	10.8	U	
979EX030(7.0)	06/22/98	1,1-Dichloroethane	0.0059	1,500	U	
979EX030(7.0)	06/22/98	1,2-Dichloroethane	0.0059	0.75	U	
979EX030(7.0)	06/22/98	1,1-Dichloroethene	0.0059	0.111	U	
979EX030(7.0)	06/22/98	1,2-Dichloropropane	0.0059	0.93	U	
979EX030(7.0)	06/22/98	1,3-Dichloropropene	0.012	0.75	U	
979EX030(7.0)	06/22/98	2-Hexanone	0.024	NA	U	
979EX030(7.0)	06/22/98	4-Methyl-2-Pentanone	0.024	2,310	U	
979EX030(7.0)	06/22/98	Methylene Chloride	0.0059	54	U	
979EX030(7.0)	06/22/98	Styrene	0.0059	2,040	U	
979EX030(7.0)	06/22/98	1,1,2,2-Tetrachloroethane	0.0059	1.35	U	
979EX030(7.0)	06/22/98	Tetrachloroethene	0.0059	15	U	
979EX030(7.0)	06/22/98	1,1,1-Trichloroethane	0.0059	3,600	U	
979EX030(7.0)	06/22/98	1,1,2-Trichloroethane	0.0059	1.95	U	
979EX030(7.0)	06/22/98	Trichlorofluoromethane	0.012	1,140	U	
979EX030(7.0)	06/22/98	Vinyl Acetate	0.012	2,340	U	
979EX030(7.0)	06/22/98	Gasoline	1.2	1,690	U	
979EX030(7.0)	06/22/98	Diesel	12	1,950	U	
979EX030(7.0)	06/22/98	Fuel Oil	59	2,730	U	
979EX030(7.0)	06/22/98	Benzene	0.0059	1.0	U	
979EX030(7.0)	06/22/98	Toluene	0.0059	14	U	
979EX030(7.0)	06/22/98	Ethylbenzene	0.0059	19	U	
979EX030(7.0)	06/22/98	Xylenes (Total)	0.0059	4,340	U	
979EX030(7.0)	06/22/98	Total Carcinogenic PAHs	0.186	253	U	
979EX030(7.0)	06/22/98	Benzo(a)anthracene	0.095	See Total	U	
979EX030(7.0)	06/22/98	Benzo(a)pyrene	0.024	9	U	
979EX030(7.0)	06/22/98	Benzo(b)fluoranthene	0.0095	See Total	U	
979EX030(7.0)	06/22/98	Benzo(k)fluoranthene	0.0095	See Total	U	
979EX030(7.0)	06/22/98	Chrysene	0.048	See Total	U	
979EX030(7.0)	06/22/98	4,4'-DDD	0.019	0.504	UJ	
979EX030(7.0)	06/22/98	4,4'-DDE	0.0024	0.514	UJ	

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 30 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX030(7.0)	06/22/98	4,4'-DDT	0.0048	0.496	UJ	
979EX030(7.0)	06/22/98	Aldrin	0.0095	0.06	UJ	
979EX030(7.0)	06/22/98	Alpha-BHC	0.0095	0.16	UJ	
979EX030(7.0)	06/22/98	Beta-BHC	0.0095	0.58	UJ	
979EX030(7.0)	06/22/98	Chlordane	0.095	0.161	UJ	
979EX030(7.0)	06/22/98	Dieldrin	0.019	0.0469	UJ	
979EX030(7.0)	06/22/98	Endosulfan (Total)	0.029	908.7	UJ	
979EX030(7.0)	06/22/98	Endrin	0.019	46.6	UJ	
979EX030(7.0)	06/22/98	Gamma-BHC (Lindane)	0.0095	0.94	UJ	
979EX030(7.0)	06/22/98	Heptachlor	0.0095	0.18	UJ	
979EX030(7.0)	06/22/98	Heptachlor Epoxide	0.0095	0.11	UJ	
979EX030(7.0)	06/22/98	Methoxychlor	0.095	768.9	UJ	
979EX030(7.0)	06/22/98	Toxaphene	0.19	0.93	UJ	
979EX030(7.0)	06/22/98	PCBs (Total)	0.665	1.0	UJ	
979EX030(7.0)	06/22/98	Aroclor-1016	0.095	See Total	UJ	
979EX030(7.0)	06/22/98	Aroclor-1221	0.095	See Total	UJ	
979EX030(7.0)	06/22/98	Aroclor-1232	0.095	See Total	UJ	
979EX030(7.0)	06/22/98	Aroclor-1242	0.095	See Total	UJ	
979EX030(7.0)	06/22/98	Aroclor-1248	0.095	See Total	UJ	
979EX030(7.0)	06/22/98	Aroclor-1254	0.095	See Total	UJ	
979EX030(7.0)	06/22/98	Aroclor-1260	0.095	See Total	UJ	
979EX030(7.0)	06/22/98	Aluminum	4,490	179,410		
979EX030(7.0)	06/22/98	Antimony	3.6	5	U	
979EX030(7.0)	06/22/98	Arsenic	2.1	4.56	J	
979EX030(7.0)	06/22/98	Barium	10.4	500	J	
979EX030(7.0)	06/22/98	Beryllium	0.24	0.33	U	
979EX030(7.0)	06/22/98	Cadmium	0.59	3.99	U	
979EX030(7.0)	06/22/98	Chromium	711	1,300	J	
979EX030(7.0)	06/22/98	Cobalt	41.9	159	J	
979EX030(7.0)	06/22/98	Copper	11.6	88		
979EX030(7.0)	06/22/98	Lead	12	477	U	
979EX030(7.0)	06/22/98	Lithium	59	3,495	U	
979EX030(7.0)	06/22/98	Manganese	424	7,456	J	
979EX030(7.0)	06/22/98	Molybdenum	2.4	885.4	U	
979EX030(7.0)	06/22/98	Nickel	866	5,500	J	
979EX030(7.0)	06/22/98	Selenium	30	885.4	U	
979EX030(7.0)	06/22/98	Silver	1.2	2.0	U	
979EX030(7.0)	06/22/98	Strontium	59	107,180	U	
979EX030(7.0)	06/22/98	Thallium	5.9	14.21	U	
979EX030(7.0)	06/22/98	Tin	12	107,180	UJ	

Footnotes at end of table.
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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 31 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX030(7.0)	06/22/98	Vanadium	29.3	76		
979EX030(7.0)	06/22/98	Zinc	25.2	89		
979EX031(7.0)	06/22/98	cis-1,2-Dichloroethene	0.0054	467	U	
979EX031(7.0)	06/22/98	trans-1,2-Dichloroethene	0.0054	1,027	U	
979EX031(7.0)	06/22/98	Trichloroethene	0.0054	1.3	U	
979EX031(7.0)	06/22/98	Vinyl Chloride	0.011	3.0	U	
979EX031(7.0)	06/22/98	Acetone	0.022	6,300	UJ	
979EX031(7.0)	06/22/98	Bromodichloromethane	0.0054	1.89	U	
979EX031(7.0)	06/22/98	Bromoform	0.0054	168	U	
979EX031(7.0)	06/22/98	Bromomethane	0.011	20.4	U	
979EX031(7.0)	06/22/98	2-Butanone	0.022	21,300	UJ	
979EX031(7.0)	06/22/98	Carbon Disulfide	0.0054	22.5	U	
979EX031(7.0)	06/22/98	Carbon Tetrachloride	0.0054	0.69	U	
979EX031(7.0)	06/22/98	Chlorobenzene	0.0054	195	U	
979EX031(7.0)	06/22/98	Chloroethane	0.011	3,300	U	
979EX031(7.0)	06/22/98	Chloroform	0.0054	0.75	U	
979EX031(7.0)	06/22/98	Chloromethane	0.011	3.6	U	
979EX031(7.0)	06/22/98	Dibromochloromethane	0.0054	15.9	U	
979EX031(7.0)	06/22/98	1,2-Dichlorobenzene	0.0054	2,100	U	
979EX031(7.0)	06/22/98	1,3-Dichlorobenzene	0.0054	1,500	U	
979EX031(7.0)	06/22/98	1,4-Dichlorobenzene	0.0054	10.8	U	
979EX031(7.0)	06/22/98	1,1-Dichloroethane	0.0054	1,500	U	
979EX031(7.0)	06/22/98	1,2-Dichloroethane	0.0054	0.75	U	
979EX031(7.0)	06/22/98	1,1-Dichloroethene	0.0054	0.111	U	
979EX031(7.0)	06/22/98	1,2-Dichloropropane	0.0054	0.93	U	
979EX031(7.0)	06/22/98	1,3-Dichloropropene	0.011	0.75	U	
979EX031(7.0)	06/22/98	2-Hexanone	0.022	NA	U	
979EX031(7.0)	06/22/98	4-Methyl-2-Pentanone	0.022	2,310	U	
979EX031(7.0)	06/22/98	Methylene Chloride	0.0054	54	U	
979EX031(7.0)	06/22/98	Styrene	0.0054	2,040	U	
979EX031(7.0)	06/22/98	1,1,2,2-Tetrachloroethane	0.0054	1.35	U	
979EX031(7.0)	06/22/98	Tetrachloroethene	0.0054	15	U	
979EX031(7.0)	06/22/98	1,1,1-Trichloroethane	0.0054	3,600	U	
979EX031(7.0)	06/22/98	1,1,2-Trichloroethane	0.0054	1.95	U	
979EX031(7.0)	06/22/98	Trichlorofluoromethane	0.011	1,140	U	
979EX031(7.0)	06/22/98	Vinyl Acetate	0.011	2,340	U	
979EX031(7.0)	06/22/98	Gasoline	1.1	1,690	U	
979EX031(7.0)	06/22/98	Diesel	11	1,950	U	
979EX031(7.0)	06/22/98	Fuel Oil	54	2,730	U	
979EX031(7.0)	06/22/98	Benzene	0.0054	1.0	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 32 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX031(7.0)	06/22/98	Toluene	0.0054	14	U	
979EX031(7.0)	06/22/98	Ethylbenzene	0.0054	19	U	
979EX031(7.0)	06/22/98	Xylenes (Total)	0.0054	4,340	U	
979EX031(7.0)	06/22/98	Total Carcinogenic PAHs	0.170	253	U	
979EX031(7.0)	06/22/98	Benzo(a)anthracene	0.087	See Total	U	
979EX031(7.0)	06/22/98	Benzo(a)pyrene	0.022	9	U	
979EX031(7.0)	06/22/98	Benzo(b)fluoranthene	0.0087	See Total	U	
979EX031(7.0)	06/22/98	Benzo(k)fluoranthene	0.0087	See Total	U	
979EX031(7.0)	06/22/98	Chrysene	0.044	See Total	U	
979EX031(7.0)	06/22/98	4,4'-DDD	0.017	0.504	U	
979EX031(7.0)	06/22/98	4,4'-DDE	0.0022	0.514	U	
979EX031(7.0)	06/22/98	4,4'-DDT	0.0044	0.496	U	
979EX031(7.0)	06/22/98	Aldrin	0.0087	0.06	U	
979EX031(7.0)	06/22/98	Alpha-BHC	0.0087	0.16	U	
979EX031(7.0)	06/22/98	Beta-BHC	0.0087	0.58	U	
979EX031(7.0)	06/22/98	Chlordane	0.087	0.161	U	
979EX031(7.0)	06/22/98	Dieldrin	0.017	0.0469	U	
979EX031(7.0)	06/22/98	Endosulfan (Total)	0.026	908.7	U	
979EX031(7.0)	06/22/98	Endrin	0.017	46.6	U	
979EX031(7.0)	06/22/98	Gamma-BHC (Lindane)	0.0087	0.94	U	
979EX031(7.0)	06/22/98	Heptachlor	0.0087	0.18	U	
979EX031(7.0)	06/22/98	Heptachlor Epoxide	0.0087	0.11	U	
979EX031(7.0)	06/22/98	Methoxychlor	0.087	768.9	U	
979EX031(7.0)	06/22/98	Toxaphene	0.17	0.93	U	
979EX031(7.0)	06/22/98	PCBs (Total)	0.609	1.0	U	
979EX031(7.0)	06/22/98	Aroclor-1016	0.087	See Total	U	
979EX031(7.0)	06/22/98	Aroclor-1221	0.087	See Total	U	
979EX031(7.0)	06/22/98	Aroclor-1232	0.087	See Total	U	
979EX031(7.0)	06/22/98	Aroclor-1242	0.087	See Total	U	
979EX031(7.0)	06/22/98	Aroclor-1248	0.087	See Total	U	
979EX031(7.0)	06/22/98	Aroclor-1254	0.087	See Total	U	
979EX031(7.0)	06/22/98	Aroclor-1260	0.087	See Total	U	
979EX031(7.0)	06/22/98	Aluminum	4,010	179,410		
979EX031(7.0)	06/22/98	Antimony	3.3	5	U	
979EX031(7.0)	06/22/98	Arsenic	1.7	4.56	J	
979EX031(7.0)	06/22/98	Barium	9.7	500	J	
979EX031(7.0)	06/22/98	Beryllium	0.22	0.33	U	
979EX031(7.0)	06/22/98	Cadmium	0.54	3.99	U	
979EX031(7.0)	06/22/98	Chromium	556	1,300	J	
979EX031(7.0)	06/22/98	Cobalt	32.5	159	J	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 33 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX031(7.0)	06/22/98	Copper	11.1	88		
979EX031(7.0)	06/22/98	Lead	11	477	U	
979EX031(7.0)	06/22/98	Lithium	54	3,495	U	
979EX031(7.0)	06/22/98	Manganese	323	7,456	J	
979EX031(7.0)	06/22/98	Molybdenum	2.2	885.4	U	
979EX031(7.0)	06/22/98	Nickel	800	5,500	J	
979EX031(7.0)	06/22/98	Selenium	27	885.4	U	
979EX031(7.0)	06/22/98	Silver	1.1	2.0	U	
979EX031(7.0)	06/22/98	Strontium	54	107,180	U	
979EX031(7.0)	06/22/98	Thallium	5.4	14.21	U	
979EX031(7.0)	06/22/98	Tin	11	107,180	UJ	
979EX031(7.0)	06/22/98	Vanadium	23.1	76		
979EX031(7.0)	06/22/98	Zinc	21.2	89		
979EX032(7.0)	06/22/98	cis-1,2-Dichloroethene	0.0058	467	U	
979EX032(7.0)	06/22/98	trans-1,2-Dichloroethene	0.0058	1,027	U	
979EX032(7.0)	06/22/98	Trichloroethene	0.0058	1.3	U	
979EX032(7.0)	06/22/98	Vinyl Chloride	0.012	3.0	U	
979EX032(7.0)	06/22/98	Acetone	0.023	6,300	UJ	
979EX032(7.0)	06/22/98	Bromodichloromethane	0.0058	1.89	U	
979EX032(7.0)	06/22/98	Bromoform	0.0058	168	U	
979EX032(7.0)	06/22/98	Bromomethane	0.012	20.4	U	
979EX032(7.0)	06/22/98	2-Butanone	0.023	21,300	UJ	
979EX032(7.0)	06/22/98	Carbon Disulfide	0.0058	22.5	U	
979EX032(7.0)	06/22/98	Carbon Tetrachloride	0.0058	0.69	U	
979EX032(7.0)	06/22/98	Chlorobenzene	0.0058	195	U	
979EX032(7.0)	06/22/98	Chloroethane	0.012	3,300	U	
979EX032(7.0)	06/22/98	Chloroform	0.0058	0.75	U	
979EX032(7.0)	06/22/98	Chloromethane	0.012	3.6	U	
979EX032(7.0)	06/22/98	Dibromochloromethane	0.0058	15.9	U	
979EX032(7.0)	06/22/98	1,2-Dichlorobenzene	0.0058	2,100	U	
979EX032(7.0)	06/22/98	1,3-Dichlorobenzene	0.0058	1,500	U	
979EX032(7.0)	06/22/98	1,4-Dichlorobenzene	0.0058	10.8	U	
979EX032(7.0)	06/22/98	1,1-Dichloroethane	0.0058	1,500	U	
979EX032(7.0)	06/22/98	1,2-Dichloroethane	0.0058	0.75	U	
979EX032(7.0)	06/22/98	1,1-Dichloroethene	0.0058	0.111	U	
979EX032(7.0)	06/22/98	1,2-Dichloropropane	0.0058	0.93	U	
979EX032(7.0)	06/22/98	1,3-Dichloropropene	0.012	0.75	U	
979EX032(7.0)	06/22/98	2-Hexanone	0.023	NA	U	
979EX032(7.0)	06/22/98	4-Methyl-2-Pentanone	0.023	2,310	U	
979EX032(7.0)	06/22/98	Methylene Chloride	0.0058	54	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 34 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX032(7.0)	06/22/98	Styrene	0.0058	2,040	U	
979EX032(7.0)	06/22/98	1,1,2,2-Tetrachloroethane	0.0058	1.35	U	
979EX032(7.0)	06/22/98	Tetrachloroethene	0.0058	15	U	
979EX032(7.0)	06/22/98	1,1,1-Trichloroethane	0.0058	3,600	U	
979EX032(7.0)	06/22/98	1,1,2-Trichloroethane	0.0058	1.95	U	
979EX032(7.0)	06/22/98	Trichlorofluoromethane	0.012	1,140	U	
979EX032(7.0)	06/22/98	Vinyl Acetate	0.012	2,340	U	
979EX032(7.0)	06/22/98	Gasoline	1.2	1,690	U	
979EX032(7.0)	06/22/98	Diesel	12	1,950	U	
979EX032(7.0)	06/22/98	Fuel Oil	58	2,730	U	
979EX032(7.0)	06/22/98	Benzene	0.0058	1.0	U	
979EX032(7.0)	06/22/98	Toluene	0.0058	14	U	
979EX032(7.0)	06/22/98	Ethylbenzene	0.0058	19	U	
979EX032(7.0)	06/22/98	Xylenes (Total)	0.0058	4,340	U	
979EX032(7.0)	06/22/98	Total Carcinogenic PAHs	0.198	253	J+	
979EX032(7.0)	06/22/98	Benzo(a)anthracene	0.07	See Total	J+	
979EX032(7.0)	06/22/98	Benzo(a)pyrene	0.036	9	J+	
979EX032(7.0)	06/22/98	Benzo(b)fluoranthene	0.028	See Total	J+	
979EX032(7.0)	06/22/98	Benzo(k)fluoranthene	0.02	See Total	J+	
979EX032(7.0)	06/22/98	Chrysene	0.044	See Total	J+	
979EX032(7.0)	06/22/98	4,4'-DDD	0.019	0.504	UJ	
979EX032(7.0)	06/22/98	4,4'-DDE	0.0023	0.514	UJ	
979EX032(7.0)	06/22/98	4,4'-DDT	0.0046	0.496	UJ	
979EX032(7.0)	06/22/98	Aldrin	0.0093	0.06	UJ	
979EX032(7.0)	06/22/98	Alpha-BHC	0.0093	0.16	UJ	
979EX032(7.0)	06/22/98	Beta-BHC	0.0093	0.58	UJ	
979EX032(7.0)	06/22/98	Chlordane	0.093	0.161	UJ	
979EX032(7.0)	06/22/98	Dieldrin	0.019	0.0469	UJ	
979EX032(7.0)	06/22/98	Endosulfan (Total)	0.028	908.7	UJ	
979EX032(7.0)	06/22/98	Endrin	0.019	46.6	UJ	
979EX032(7.0)	06/22/98	Gamma-BHC (Lindane)	0.0093	0.94	UJ	
979EX032(7.0)	06/22/98	Heptachlor	0.0093	0.18	UJ	
979EX032(7.0)	06/22/98	Heptachlor Epoxide	0.0093	0.11	UJ	
979EX032(7.0)	06/22/98	Methoxychlor	0.093	768.9	UJ	
979EX032(7.0)	06/22/98	Toxaphene	0.19	0.93	UJ	
979EX032(7.0)	06/22/98	PCBs (Total)	0.651	1.0	UJ	
979EX032(7.0)	06/22/98	Aroclor-1016	0.093	See Total	UJ	
979EX032(7.0)	06/22/98	Aroclor-1221	0.093	See Total	UJ	
979EX032(7.0)	06/22/98	Aroclor-1232	0.093	See Total	UJ	
979EX032(7.0)	06/22/98	Aroclor-1242	0.093	See Total	UJ	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 35 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX032(7.0)	06/22/98	Aroclor-1248	0.093	See Total	UJ	
979EX032(7.0)	06/22/98	Aroclor-1254	0.093	See Total	UJ	
979EX032(7.0)	06/22/98	Aroclor-1260	0.093	See Total	UJ	
979EX032(7.0)	06/22/98	Aluminum	4,030	179,410		
979EX032(7.0)	06/22/98	Antimony	3.5	5	U	
979EX032(7.0)	06/22/98	Arsenic	3.2	4.56		
979EX032(7.0)	06/22/98	Barium	17.8	500	J	
979EX032(7.0)	06/22/98	Beryllium	0.23	0.33	U	
979EX032(7.0)	06/22/98	Cadmium	0.58	3.99	U	
979EX032(7.0)	06/22/98	Chromium	411	1,300	J	
979EX032(7.0)	06/22/98	Cobalt	24.4	159	J	
979EX032(7.0)	06/22/98	Copper	8.1	88		
979EX032(7.0)	06/22/98	Lead	12	477	U	
979EX032(7.0)	06/22/98	Lithium	58	3,495	U	
979EX032(7.0)	06/22/98	Manganese	267	7,456	J	
979EX032(7.0)	06/22/98	Molybdenum	2.3	885.4	U	
979EX032(7.0)	06/22/98	Nickel	438	5,500	J	
979EX032(7.0)	06/22/98	Selenium	29	885.4	U	
979EX032(7.0)	06/22/98	Silver	1.2	2.0	U	
979EX032(7.0)	06/22/98	Strontium	58	107,180	U	
979EX032(7.0)	06/22/98	Thallium	5.8	14.21	U	
979EX032(7.0)	06/22/98	Tin	12	107,180	UJ	
979EX032(7.0)	06/22/98	Vanadium	25.1	76		
979EX032(7.0)	06/22/98	Zinc	19.8	89		
979EX033(7.0)	06/22/98	cis-1,2-Dichloroethene	0.0053	467	U	
979EX033(7.0)	06/22/98	trans-1,2-Dichloroethene	0.0053	1,027	U	
979EX033(7.0)	06/22/98	Trichloroethene	0.0053	1.3	U	
979EX033(7.0)	06/22/98	Vinyl Chloride	0.011	3.0	U	
979EX033(7.0)	06/22/98	Acetone	0.021	6,300	UJ	
979EX033(7.0)	06/22/98	Bromodichloromethane	0.0053	1.89	U	
979EX033(7.0)	06/22/98	Bromoform	0.0053	168	U	
979EX033(7.0)	06/22/98	Bromomethane	0.011	20.4	U	
979EX033(7.0)	06/22/98	2-Butanone	0.021	21,300	UJ	
979EX033(7.0)	06/22/98	Carbon Disulfide	0.0053	22.5	U	
979EX033(7.0)	06/22/98	Carbon Tetrachloride	0.0053	0.69	U	
979EX033(7.0)	06/22/98	Chlorobenzene	0.0053	195	U	
979EX033(7.0)	06/22/98	Chloroethane	0.011	3,300	U	
979EX033(7.0)	06/22/98	Chloroform	0.0053	0.75	U	
979EX033(7.0)	06/22/98	Chloromethane	0.011	3.6	U	
979EX033(7.0)	06/22/98	Dibromochloromethane	0.0053	15.9	U	

Footnotes at end of table.

L:\CF Closure\TBL979.XLS

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 36 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX033(7.0)	06/22/98	1,2-Dichlorobenzene	0.0053	2,100	U	
979EX033(7.0)	06/22/98	1,3-Dichlorobenzene	0.0053	1,500	U	
979EX033(7.0)	06/22/98	1,4-Dichlorobenzene	0.0053	10.8	U	
979EX033(7.0)	06/22/98	1,1-Dichloroethane	0.0053	1,500	U	
979EX033(7.0)	06/22/98	1,2-Dichloroethane	0.0053	0.75	U	
979EX033(7.0)	06/22/98	1,1-Dichloroethene	0.0053	0.111	U	
979EX033(7.0)	06/22/98	1,2-Dichloropropane	0.0053	0.93	U	
979EX033(7.0)	06/22/98	1,3-Dichloropropene	0.011	0.75	U	
979EX033(7.0)	06/22/98	2-Hexanone	0.021	NA	U	
979EX033(7.0)	06/22/98	4-Methyl-2-Pentanone	0.021	2,310	U	
979EX033(7.0)	06/22/98	Methylene Chloride	0.0053	54	U	
979EX033(7.0)	06/22/98	Styrene	0.0053	2,040	U	
979EX033(7.0)	06/22/98	1,1,2,2-Tetrachloroethane	0.0053	1.35	U	
979EX033(7.0)	06/22/98	Tetrachloroethene	0.0053	15	U	
979EX033(7.0)	06/22/98	1,1,1-Trichloroethane	0.0053	3,600	U	
979EX033(7.0)	06/22/98	1,1,2-Trichloroethane	0.0053	1.95	U	
979EX033(7.0)	06/22/98	Trichlorofluoromethane	0.011	1,140	U	
979EX033(7.0)	06/22/98	Vinyl Acetate	0.011	2,340	U	
979EX033(7.0)	06/22/98	Gasoline	1.1	1,690	U	
979EX033(7.0)	06/22/98	Diesel	11	1,950	U	
979EX033(7.0)	06/22/98	Fuel Oil	53	2,730	U	
979EX033(7.0)	06/22/98	Benzene	0.0053	1.0	U	
979EX033(7.0)	06/22/98	Toluene	0.0053	14	U	
979EX033(7.0)	06/22/98	Ethylbenzene	0.0053	19	U	
979EX033(7.0)	06/22/98	Xylenes (Total)	0.0053	4,340	U	
979EX033(7.0)	06/22/98	Total Carcinogenic PAHs	0.165	253	U	
979EX033(7.0)	06/22/98	Benzo(a)anthracene	0.085	See Total	U	
979EX033(7.0)	06/22/98	Benzo(a)pyrene	0.021	9	U	
979EX033(7.0)	06/22/98	Benzo(b)fluoranthene	0.0085	See Total	U	
979EX033(7.0)	06/22/98	Benzo(k)fluoranthene	0.0085	See Total	U	
979EX033(7.0)	06/22/98	Chrysene	0.042	See Total	U	
979EX033(7.0)	06/22/98	4,4'-DDD	0.017	0.504	UJ	
979EX033(7.0)	06/22/98	4,4'-DDE	0.0021	0.514	UJ	
979EX033(7.0)	06/22/98	4,4'-DDT	0.0042	0.496	UJ	
979EX033(7.0)	06/22/98	Aldrin	0.0085	0.06	UJ	
979EX033(7.0)	06/22/98	Alpha-BHC	0.0085	0.16	UJ	
979EX033(7.0)	06/22/98	Beta-BHC	0.0085	0.58	UJ	
979EX033(7.0)	06/22/98	Chlordane	0.085	0.161	UJ	
979EX033(7.0)	06/22/98	Dieldrin	0.017	0.0469	UJ	
979EX033(7.0)	06/22/98	Endosulfan (Total)	0.026	908.7	UJ	

Footnotes at end of table.

L:\CF Closure\TBL979.XLS

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 37 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX033(7.0)	06/22/98	Endrin	0.017	46.6	UJ	
979EX033(7.0)	06/22/98	Gamma-BHC (Lindane)	0.0085	0.94	UJ	
979EX033(7.0)	06/22/98	Heptachlor	0.0085	0.18	UJ	
979EX033(7.0)	06/22/98	Heptachlor Epoxide	0.0085	0.11	UJ	
979EX033(7.0)	06/22/98	Methoxychlor	0.085	768.9	UJ	
979EX033(7.0)	06/22/98	Toxaphene	0.17	0.93	UJ	
979EX033(7.0)	06/22/98	PCBs (Total)	0.595	1.0	UJ	
979EX033(7.0)	06/22/98	Aroclor-1016	0.085	See Total	UJ	
979EX033(7.0)	06/22/98	Aroclor-1221	0.085	See Total	UJ	
979EX033(7.0)	06/22/98	Aroclor-1232	0.085	See Total	UJ	
979EX033(7.0)	06/22/98	Aroclor-1242	0.085	See Total	UJ	
979EX033(7.0)	06/22/98	Aroclor-1248	0.085	See Total	UJ	
979EX033(7.0)	06/22/98	Aroclor-1254	0.085	See Total	UJ	
979EX033(7.0)	06/22/98	Aroclor-1260	0.085	See Total	UJ	
979EX033(7.0)	06/22/98	Aluminum	4,590	179,410		
979EX033(7.0)	06/22/98	Antimony	3.2	5	U	
979EX033(7.0)	06/22/98	Arsenic	3.1	4.56		
979EX033(7.0)	06/22/98	Barium	12.4	500	J	
979EX033(7.0)	06/22/98	Beryllium	0.21	0.33	U	
979EX033(7.0)	06/22/98	Cadmium	0.53	3.99	U	
979EX033(7.0)	06/22/98	Chromium	460	1,300	J	
979EX033(7.0)	06/22/98	Cobalt	26.8	159	J	
979EX033(7.0)	06/22/98	Copper	9.4	88		
979EX033(7.0)	06/22/98	Lead	11	477	U	
979EX033(7.0)	06/22/98	Lithium	53	3,495	U	
979EX033(7.0)	06/22/98	Manganese	297	7,456	J	
979EX033(7.0)	06/22/98	Molybdenum	2.1	885.4	U	
979EX033(7.0)	06/22/98	Nickel	609	5,500	J	
979EX033(7.0)	06/22/98	Selenium	26	885.4	U	
979EX033(7.0)	06/22/98	Silver	1.1	2.0	U	
979EX033(7.0)	06/22/98	Strontium	53	107,180	U	
979EX033(7.0)	06/22/98	Thallium	5.3	14.21	U	
979EX033(7.0)	06/22/98	Tin	11	107,180	UJ	
979EX033(7.0)	06/22/98	Vanadium	24.8	76		
979EX033(7.0)	06/22/98	Zinc	21.3	89		
979EX034(7.0)	06/22/98	cis-1,2-Dichloroethene	0.0053	467	U	
979EX034(7.0)	06/22/98	trans-1,2-Dichloroethene	0.0053	1,027	U	
979EX034(7.0)	06/22/98	Trichloroethene	0.0053	1.3	U	
979EX034(7.0)	06/22/98	Vinyl Chloride	0.011	3.0	U	
979EX034(7.0)	06/22/98	Acetone	0.021	6,300	UJ	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 38 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX034(7.0)	06/22/98	Bromodichloromethane	0.0053	1.89	U	
979EX034(7.0)	06/22/98	Bromoform	0.0053	168	U	
979EX034(7.0)	06/22/98	Bromomethane	0.011	20.4	U	
979EX034(7.0)	06/22/98	2-Butanone	0.021	21,300	UJ	
979EX034(7.0)	06/22/98	Carbon Disulfide	0.0053	22.5	U	
979EX034(7.0)	06/22/98	Carbon Tetrachloride	0.0053	0.69	U	
979EX034(7.0)	06/22/98	Chlorobenzene	0.0053	195	U	
979EX034(7.0)	06/22/98	Chloroethane	0.011	3,300	U	
979EX034(7.0)	06/22/98	Chloroform	0.0053	0.75	U	
979EX034(7.0)	06/22/98	Chloromethane	0.011	3.6	U	
979EX034(7.0)	06/22/98	Dibromochloromethane	0.0053	15.9	U	
979EX034(7.0)	06/22/98	1,2-Dichlorobenzene	0.0053	2,100	U	
979EX034(7.0)	06/22/98	1,3-Dichlorobenzene	0.0053	1,500	U	
979EX034(7.0)	06/22/98	1,4-Dichlorobenzene	0.0053	10.8	U	
979EX034(7.0)	06/22/98	1,1-Dichloroethane	0.0053	1,500	U	
979EX034(7.0)	06/22/98	1,2-Dichloroethane	0.0053	0.75	U	
979EX034(7.0)	06/22/98	1,1-Dichloroethene	0.0053	0.111	U	
979EX034(7.0)	06/22/98	1,2-Dichloropropane	0.0053	0.93	U	
979EX034(7.0)	06/22/98	1,3-Dichloropropene	0.011	0.75	U	
979EX034(7.0)	06/22/98	2-Hexanone	0.021	NA	U	
979EX034(7.0)	06/22/98	4-Methyl-2-Pentanone	0.021	2,310	U	
979EX034(7.0)	06/22/98	Methylene Chloride	0.0053	54	U	
979EX034(7.0)	06/22/98	Styrene	0.0053	2,040	U	
979EX034(7.0)	06/22/98	1,1,2,2-Tetrachloroethane	0.0053	1.35	U	
979EX034(7.0)	06/22/98	Tetrachloroethene	0.0053	15	U	
979EX034(7.0)	06/22/98	1,1,1-Trichloroethane	0.0053	3,600	U	
979EX034(7.0)	06/22/98	1,1,2-Trichloroethane	0.0053	1.95	U	
979EX034(7.0)	06/22/98	Trichlorofluoromethane	0.011	1,140	U	
979EX034(7.0)	06/22/98	Vinyl Acetate	0.011	2,340	U	
979EX034(7.0)	06/22/98	Gasoline	1.1	1,690	U	
979EX034(7.0)	06/22/98	Diesel	11	1,950	U	
979EX034(7.0)	06/22/98	Fuel Oil	53	2,730	U	
979EX034(7.0)	06/22/98	Benzene	0.0053	1.0	U	
979EX034(7.0)	06/22/98	Toluene	0.0053	14	U	
979EX034(7.0)	06/22/98	Ethylbenzene	0.0053	19	U	
979EX034(7.0)	06/22/98	Xylenes (Total)	0.0053	4,340	U	
979EX034(7.0)	06/22/98	Total Carcinogenic PAHs	0.164	253	U	
979EX034(7.0)	06/22/98	Benzo(a)anthracene	0.084	See Total	U	
979EX034(7.0)	06/22/98	Benzo(a)pyrene	0.021	9	U	
979EX034(7.0)	06/22/98	Benzo(b)fluoranthene	0.0084	See Total	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 39 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX034(7.0)	06/22/98	Benzo(k)fluoranthene	0.0084	See Total	U	
979EX034(7.0)	06/22/98	Chrysene	0.042	See Total	U	
979EX034(7.0)	06/22/98	4,4'-DDD	0.017	0.504	U	
979EX034(7.0)	06/22/98	4,4'-DDE	0.0021	0.514	U	
979EX034(7.0)	06/22/98	4,4'-DDT	0.0042	0.496	U	
979EX034(7.0)	06/22/98	Aldrin	0.0084	0.06	U	
979EX034(7.0)	06/22/98	Alpha-BHC	0.0084	0.16	U	
979EX034(7.0)	06/22/98	Beta-BHC	0.0084	0.58	U	
979EX034(7.0)	06/22/98	Chlordane	0.084	0.161	U	
979EX034(7.0)	06/22/98	Dieldrin	0.017	0.0469	U	
979EX034(7.0)	06/22/98	Endosulfan (Total)	0.025	908.7	U	
979EX034(7.0)	06/22/98	Endrin	0.017	46.6	U	
979EX034(7.0)	06/22/98	Gamma-BHC (Lindane)	0.0084	0.94	U	
979EX034(7.0)	06/22/98	Heptachlor	0.0084	0.18	U	
979EX034(7.0)	06/22/98	Heptachlor Epoxide	0.0084	0.11	U	
979EX034(7.0)	06/22/98	Methoxychlor	0.084	768.9	U	
979EX034(7.0)	06/22/98	Toxaphene	0.17	0.93	U	
979EX034(7.0)	06/22/98	PCBs (Total)	0.588	1.0	U	
979EX034(7.0)	06/22/98	Aroclor-1016	0.084	See Total	U	
979EX034(7.0)	06/22/98	Aroclor-1221	0.084	See Total	U	
979EX034(7.0)	06/22/98	Aroclor-1232	0.084	See Total	U	
979EX034(7.0)	06/22/98	Aroclor-1242	0.084	See Total	U	
979EX034(7.0)	06/22/98	Aroclor-1248	0.084	See Total	U	
979EX034(7.0)	06/22/98	Aroclor-1254	0.084	See Total	U	
979EX034(7.0)	06/22/98	Aroclor-1260	0.084	See Total	U	
979EX034(7.0)	06/22/98	Aluminum	5,070	179,410		
979EX034(7.0)	06/22/98	Antimony	3.2	5	U	
979EX034(7.0)	06/22/98	Arsenic	3.8	4.56		
979EX034(7.0)	06/22/98	Barium	41.8	500	J	
979EX034(7.0)	06/22/98	Beryllium	0.21	0.33	U	
979EX034(7.0)	06/22/98	Cadmium	0.53	3.99	U	
979EX034(7.0)	06/22/98	Chromium	212	1,300	J	
979EX034(7.0)	06/22/98	Cobalt	14.5	159	J	
979EX034(7.0)	06/22/98	Copper	10	88		
979EX034(7.0)	06/22/98	Lead	54.1	477		
979EX034(7.0)	06/22/98	Lithium	53	3,495	U	
979EX034(7.0)	06/22/98	Manganese	254	7,456	J	
979EX034(7.0)	06/22/98	Molybdenum	2.1	885.4	U	
979EX034(7.0)	06/22/98	Nickel	199	5,500	J	
979EX034(7.0)	06/22/98	Selenium	26	885.4	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 40 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX034(7.0)	06/22/98	Silver	1.1	2.0	U	
979EX034(7.0)	06/22/98	Strontium	53	107,180	U	
979EX034(7.0)	06/22/98	Thallium	5.3	14.21	U	
979EX034(7.0)	06/22/98	Tin	11	107,180	UJ	
979EX034(7.0)	06/22/98	Vanadium	28.2	76		
979EX034(7.0)	06/22/98	Zinc	75.1	89		
979EX035(7.0)	06/22/98	cis-1,2-Dichloroethene	0.0058	467	U	
979EX035(7.0)	06/22/98	trans-1,2-Dichloroethene	0.0058	1,027	U	
979EX035(7.0)	06/22/98	Trichloroethene	0.0058	1.3	U	
979EX035(7.0)	06/22/98	Vinyl Chloride	0.012	3.0	U	
979EX035(7.0)	06/22/98	Acetone	0.023	6,300	UJ	
979EX035(7.0)	06/22/98	Bromodichloromethane	0.0058	1.89	U	
979EX035(7.0)	06/22/98	Bromoform	0.0058	168	U	
979EX035(7.0)	06/22/98	Bromomethane	0.012	20.4	U	
979EX035(7.0)	06/22/98	2-Butanone	0.023	21,300	UJ	
979EX035(7.0)	06/22/98	Carbon Disulfide	0.0058	22.5	U	
979EX035(7.0)	06/22/98	Carbon Tetrachloride	0.0058	0.69	U	
979EX035(7.0)	06/22/98	Chlorobenzene	0.0058	195	U	
979EX035(7.0)	06/22/98	Chloroethane	0.012	3,300	U	
979EX035(7.0)	06/22/98	Chloroform	0.0058	0.75	U	
979EX035(7.0)	06/22/98	Chloromethane	0.012	3.6	U	
979EX035(7.0)	06/22/98	Dibromochloromethane	0.0058	15.9	U	
979EX035(7.0)	06/22/98	1,2-Dichlorobenzene	0.0058	2,100	U	
979EX035(7.0)	06/22/98	1,3-Dichlorobenzene	0.0058	1,500	U	
979EX035(7.0)	06/22/98	1,4-Dichlorobenzene	0.0058	10.8	U	
979EX035(7.0)	06/22/98	1,1-Dichloroethane	0.0058	1,500	U	
979EX035(7.0)	06/22/98	1,2-Dichloroethane	0.0058	0.75	U	
979EX035(7.0)	06/22/98	1,1-Dichloroethene	0.0058	0.111	U	
979EX035(7.0)	06/22/98	1,2-Dichloropropane	0.0058	0.93	U	
979EX035(7.0)	06/22/98	1,3-Dichloropropene	0.012	0.75	U	
979EX035(7.0)	06/22/98	2-Hexanone	0.023	NA	U	
979EX035(7.0)	06/22/98	4-Methyl-2-Pentanone	0.023	2,310	U	
979EX035(7.0)	06/22/98	Methylene Chloride	0.0058	54	U	
979EX035(7.0)	06/22/98	Styrene	0.0058	2,040	U	
979EX035(7.0)	06/22/98	1,1,2,2-Tetrachloroethane	0.0058	1.35	U	
979EX035(7.0)	06/22/98	Tetrachloroethene	0.0058	15	U	
979EX035(7.0)	06/22/98	1,1,1-Trichloroethane	0.0058	3,600	U	
979EX035(7.0)	06/22/98	1,1,2-Trichloroethane	0.0058	1.95	U	
979EX035(7.0)	06/22/98	Trichlorofluoromethane	0.012	1,140	U	
979EX035(7.0)	06/22/98	Vinyl Acetate	0.012	2,340	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 41 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX035(7.0)	06/22/98	Gasoline	1.2	1,690	U	
979EX035(7.0)	06/22/98	Diesel	12	1,950	U	
979EX035(7.0)	06/22/98	Fuel Oil	58	2,730	U	
979EX035(7.0)	06/22/98	Benzene	0.0058	1.0	U	
979EX035(7.0)	06/22/98	Toluene	0.0058	14	U	
979EX035(7.0)	06/22/98	Ethylbenzene	0.0058	19	U	
979EX035(7.0)	06/22/98	Xylenes (Total)	0.0058	4,340	U	
979EX035(7.0)	06/22/98	Total Carcinogenic PAHs	0.182	253	U	
979EX035(7.0)	06/22/98	Benzo(a)anthracene	0.093	See Total	U	
979EX035(7.0)	06/22/98	Benzo(a)pyrene	0.023	9	U	
979EX035(7.0)	06/22/98	Benzo(b)fluoranthene	0.0093	See Total	U	
979EX035(7.0)	06/22/98	Benzo(k)fluoranthene	0.0093	See Total	U	
979EX035(7.0)	06/22/98	Chrysene	0.047	See Total	U	
979EX035(7.0)	06/22/98	4,4'-DDD	0.019	0.504	U	
979EX035(7.0)	06/22/98	4,4'-DDE	0.0023	0.514	U	
979EX035(7.0)	06/22/98	4,4'-DDT	0.0047	0.496	U	
979EX035(7.0)	06/22/98	Aldrin	0.0093	0.06	U	
979EX035(7.0)	06/22/98	Alpha-BHC	0.0093	0.16	U	
979EX035(7.0)	06/22/98	Beta-BHC	0.0093	0.58	U	
979EX035(7.0)	06/22/98	Chlordane	0.093	0.161	U	
979EX035(7.0)	06/22/98	Dieldrin	0.019	0.0469	U	
979EX035(7.0)	06/22/98	Endosulfan (Total)	0.028	908.7	U	
979EX035(7.0)	06/22/98	Endrin	0.019	46.6	U	
979EX035(7.0)	06/22/98	Gamma-BHC (Lindane)	0.0093	0.94	U	
979EX035(7.0)	06/22/98	Heptachlor	0.0093	0.18	U	
979EX035(7.0)	06/22/98	Heptachlor Epoxide	0.0093	0.11	U	
979EX035(7.0)	06/22/98	Methoxychlor	0.093	768.9	U	
979EX035(7.0)	06/22/98	Toxaphene	0.19	0.93	U	
979EX035(7.0)	06/22/98	PCBs (Total)	0.651	1.0	U	
979EX035(7.0)	06/22/98	Aroclor-1016	0.093	See Total	U	
979EX035(7.0)	06/22/98	Aroclor-1221	0.093	See Total	U	
979EX035(7.0)	06/22/98	Aroclor-1232	0.093	See Total	U	
979EX035(7.0)	06/22/98	Aroclor-1242	0.093	See Total	U	
979EX035(7.0)	06/22/98	Aroclor-1248	0.093	See Total	U	
979EX035(7.0)	06/22/98	Aroclor-1254	0.093	See Total	U	
979EX035(7.0)	06/22/98	Aroclor-1260	0.093	See Total	U	
979EX035(7.0)	06/22/98	Aluminum	5,010	179,410		
979EX035(7.0)	06/22/98	Antimony	3.5	5	U	
979EX035(7.0)	06/22/98	Arsenic	2.9	4.56	U	
979EX035(7.0)	06/22/98	Barium	65	500	J	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 42 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX035(7.0)	06/22/98	Beryllium	0.23	0.33	U	
979EX035(7.0)	06/22/98	Cadmium	0.58	3.99	U	
979EX035(7.0)	06/22/98	Chromium	644	1,300	J	
979EX035(7.0)	06/22/98	Cobalt	35.2	159	J	
979EX035(7.0)	06/22/98	Copper	12.5	88		
979EX035(7.0)	06/22/98	Lead	34.7	477		
979EX035(7.0)	06/22/98	Lithium	58	3,495	U	
979EX035(7.0)	06/22/98	Manganese	374	7,456	J	
979EX035(7.0)	06/22/98	Molybdenum	2.3	885.4	U	
979EX035(7.0)	06/22/98	Nickel	887	5,500	J	
979EX035(7.0)	06/22/98	Selenium	29	885.4	U	
979EX035(7.0)	06/22/98	Silver	1.2	2.0	U	
979EX035(7.0)	06/22/98	Strontium	58	107,180	U	
979EX035(7.0)	06/22/98	Thallium	5.8	14.21	U	
979EX035(7.0)	06/22/98	Tin	12	107,180	UJ	
979EX035(7.0)	06/22/98	Vanadium	25.3	76		
979EX035(7.0)	06/22/98	Zinc	29.9	89		
979EX035(7.0)DUP	06/22/98	cis-1,2-Dichloroethene	0.0059	467	U	979DUP062298A
979EX035(7.0)DUP	06/22/98	trans-1,2-Dichloroethene	0.0059	1,027	U	
979EX035(7.0)DUP	06/22/98	Trichloroethene	0.0059	1.3	U	
979EX035(7.0)DUP	06/22/98	Vinyl Chloride	0.012	3.0	U	
979EX035(7.0)DUP	06/22/98	Acetone	0.023	6,300	UJ	
979EX035(7.0)DUP	06/22/98	Bromodichloromethane	0.0059	1.89	U	
979EX035(7.0)DUP	06/22/98	Bromoform	0.0059	168	U	
979EX035(7.0)DUP	06/22/98	Bromomethane	0.012	20.4	U	
979EX035(7.0)DUP	06/22/98	2-Butanone	0.023	21,300	UJ	
979EX035(7.0)DUP	06/22/98	Carbon Disulfide	0.0059	22.5	U	
979EX035(7.0)DUP	06/22/98	Carbon Tetrachloride	0.0059	0.69	U	
979EX035(7.0)DUP	06/22/98	Chlorobenzene	0.0059	195	U	
979EX035(7.0)DUP	06/22/98	Chloroethane	0.012	3,300	U	
979EX035(7.0)DUP	06/22/98	Chloroform	0.0059	0.75	U	
979EX035(7.0)DUP	06/22/98	Chloromethane	0.012	3.6	U	
979EX035(7.0)DUP	06/22/98	Dibromochloromethane	0.0059	15.9	U	
979EX035(7.0)DUP	06/22/98	1,2-Dichlorobenzene	0.0059	2,100	U	
979EX035(7.0)DUP	06/22/98	1,3-Dichlorobenzene	0.0059	1,500	U	
979EX035(7.0)DUP	06/22/98	1,4-Dichlorobenzene	0.0059	10.8	U	
979EX035(7.0)DUP	06/22/98	1,1-Dichloroethane	0.0059	1,500	U	
979EX035(7.0)DUP	06/22/98	1,2-Dichloroethane	0.0059	0.75	U	
979EX035(7.0)DUP	06/22/98	1,1-Dichloroethene	0.0059	0.111	U	
979EX035(7.0)DUP	06/22/98	1,2-Dichloropropane	0.0059	0.93	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 43 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX035(7.0)DUP	06/22/98	1,3-Dichloropropene	0.012	0.75	U	
979EX035(7.0)DUP	06/22/98	2-Hexanone	0.023	NA	U	
979EX035(7.0)DUP	06/22/98	4-Methyl-2-Pentanone	0.023	2,310	U	
979EX035(7.0)DUP	06/22/98	Methylene Chloride	0.0059	54	U	
979EX035(7.0)DUP	06/22/98	Styrene	0.0059	2,040	U	
979EX035(7.0)DUP	06/22/98	1,1,2,2-Tetrachloroethane	0.0059	1.35	U	
979EX035(7.0)DUP	06/22/98	Tetrachloroethene	0.0059	15	U	
979EX035(7.0)DUP	06/22/98	1,1,1-Trichloroethane	0.0059	3,600	U	
979EX035(7.0)DUP	06/22/98	1,1,2-Trichloroethane	0.0059	1.95	U	
979EX035(7.0)DUP	06/22/98	Trichlorofluoromethane	0.012	1,140	U	
979EX035(7.0)DUP	06/22/98	Vinyl Acetate	0.012	2,340	U	
979EX035(7.0)DUP	06/22/98	Gasoline	1.2	1,690	U	
979EX035(7.0)DUP	06/22/98	Diesel	12	1,950	U	
979EX035(7.0)DUP	06/22/98	Fuel Oil	59	2,730	U	
979EX035(7.0)DUP	06/22/98	Benzene	0.0059	1.0	U	
979EX035(7.0)DUP	06/22/98	Toluene	0.0059	14	U	
979EX035(7.0)DUP	06/22/98	Ethylbenzene	0.0059	19	U	
979EX035(7.0)DUP	06/22/98	Xylenes (Total)	0.0059	4,340	U	
979EX035(7.0)DUP	06/22/98	Total Carcinogenic PAHs	0.2	253	J	
979EX035(7.0)DUP	06/22/98	Benzo(a)anthracene	0.056	See Total	J	
979EX035(7.0)DUP	06/22/98	Benzo(a)pyrene	0.043	9		
979EX035(7.0)DUP	06/22/98	Benzo(b)fluoranthene	0.042	See Total		
979EX035(7.0)DUP	06/22/98	Benzo(k)fluoranthene	0.026	See Total		
979EX035(7.0)DUP	06/22/98	Chrysene	0.033	See Total	J	
979EX035(7.0)DUP	06/22/98	4,4'-DDD	0.019	0.504	UJ	
979EX035(7.0)DUP	06/22/98	4,4'-DDE	0.0023	0.514	UJ	
979EX035(7.0)DUP	06/22/98	4,4'-DDT	0.0047	0.496	UJ	
979EX035(7.0)DUP	06/22/98	Aldrin	0.0094	0.06	UJ	
979EX035(7.0)DUP	06/22/98	Alpha-BHC	0.0094	0.16	UJ	
979EX035(7.0)DUP	06/22/98	Beta-BHC	0.0094	0.58	UJ	
979EX035(7.0)DUP	06/22/98	Chlordane	0.094	0.161	UJ	
979EX035(7.0)DUP	06/22/98	Dieldrin	0.019	0.0469	UJ	
979EX035(7.0)DUP	06/22/98	Endosulfan (Total)	0.028	908.7	UJ	
979EX035(7.0)DUP	06/22/98	Endrin	0.019	46.6	UJ	
979EX035(7.0)DUP	06/22/98	Gamma-BHC (Lindane)	0.0094	0.94	UJ	
979EX035(7.0)DUP	06/22/98	Heptachlor	0.0094	0.18	UJ	
979EX035(7.0)DUP	06/22/98	Heptachlor Epoxide	0.0094	0.11	UJ	
979EX035(7.0)DUP	06/22/98	Methoxychlor	0.094	768.9	UJ	
979EX035(7.0)DUP	06/22/98	Toxaphene	0.19	0.93	UJ	
979EX035(7.0)DUP	06/22/98	PCBs (Total)	0.658	1.0	UJ	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 44 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX035(7.0)DUP	06/22/98	Aroclor-1016	0.094	See Total	UJ	
979EX035(7.0)DUP	06/22/98	Aroclor-1221	0.094	See Total	UJ	
979EX035(7.0)DUP	06/22/98	Aroclor-1232	0.094	See Total	UJ	
979EX035(7.0)DUP	06/22/98	Aroclor-1242	0.094	See Total	UJ	
979EX035(7.0)DUP	06/22/98	Aroclor-1248	0.094	See Total	UJ	
979EX035(7.0)DUP	06/22/98	Aroclor-1254	0.094	See Total	UJ	
979EX035(7.0)DUP	06/22/98	Aroclor-1260	0.094	See Total	UJ	
979EX035(7.0)DUP	06/22/98	Aluminum	5,880	179,410		
979EX035(7.0)DUP	06/22/98	Antimony	3.5	5	U	
979EX035(7.0)DUP	06/22/98	Arsenic	3	4.56		
979EX035(7.0)DUP	06/22/98	Barium	42.8	500	J	
979EX035(7.0)DUP	06/22/98	Beryllium	0.23	0.33	U	
979EX035(7.0)DUP	06/22/98	Cadmium	0.59	3.99	U	
979EX035(7.0)DUP	06/22/98	Chromium	513	1,300	J	
979EX035(7.0)DUP	06/22/98	Cobalt	31.8	159	J	
979EX035(7.0)DUP	06/22/98	Copper	14.7	88		
979EX035(7.0)DUP	06/22/98	Lead	38.5	477		
979EX035(7.0)DUP	06/22/98	Lithium	59	3,495	U	
979EX035(7.0)DUP	06/22/98	Manganese	378	7,456	J	
979EX035(7.0)DUP	06/22/98	Molybdenum	2.3	885.4	U	
979EX035(7.0)DUP	06/22/98	Nickel	621	5,500	J	
979EX035(7.0)DUP	06/22/98	Selenium	29	885.4	U	
979EX035(7.0)DUP	06/22/98	Silver	1.2	2.0	U	
979EX035(7.0)DUP	06/22/98	Strontium	59	107,180	U	
979EX035(7.0)DUP	06/22/98	Thallium	5.9	14.21	U	
979EX035(7.0)DUP	06/22/98	Tin	12	107,180	UJ	
979EX035(7.0)DUP	06/22/98	Vanadium	30.5	76		
979EX035(7.0)DUP	06/22/98	Zinc	38.3	89		
979EX036(7.0)	06/22/98	cis-1,2-Dichloroethene	0.0063	467	U	
979EX036(7.0)	06/22/98	trans-1,2-Dichloroethene	0.0063	1,027	U	
979EX036(7.0)	06/22/98	Trichloroethene	0.0063	1.3	U	
979EX036(7.0)	06/22/98	Vinyl Chloride	0.013	3.0	U	
979EX036(7.0)	06/22/98	Acetone	0.025	6,300	UJ	
979EX036(7.0)	06/22/98	Bromodichloromethane	0.0063	1.89	U	
979EX036(7.0)	06/22/98	Bromoform	0.0063	168	U	
979EX036(7.0)	06/22/98	Bromomethane	0.013	20.4	U	
979EX036(7.0)	06/22/98	2-Butanone	0.025	21,300	UJ	
979EX036(7.0)	06/22/98	Carbon Disulfide	0.0063	22.5	U	
979EX036(7.0)	06/22/98	Carbon Tetrachloride	0.0063	0.69	U	
979EX036(7.0)	06/22/98	Chlorobenzene	0.0063	195	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 45 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX036(7.0)	06/22/98	Chloroethane	0.013	3,300	U	
979EX036(7.0)	06/22/98	Chloroform	0.0063	0.75	U	
979EX036(7.0)	06/22/98	Chloromethane	0.013	3.6	U	
979EX036(7.0)	06/22/98	Dibromochloromethane	0.0063	15.9	U	
979EX036(7.0)	06/22/98	1,2-Dichlorobenzene	0.0063	2,100	U	
979EX036(7.0)	06/22/98	1,3-Dichlorobenzene	0.0063	1,500	U	
979EX036(7.0)	06/22/98	1,4-Dichlorobenzene	0.0063	10.8	U	
979EX036(7.0)	06/22/98	1,1-Dichloroethane	0.0063	1,500	U	
979EX036(7.0)	06/22/98	1,2-Dichloroethane	0.0063	0.75	U	
979EX036(7.0)	06/22/98	1,1-Dichloroethene	0.0063	0.111	U	
979EX036(7.0)	06/22/98	1,2-Dichloropropane	0.0063	0.93	U	
979EX036(7.0)	06/22/98	1,3-Dichloropropene	0.013	0.75	U	
979EX036(7.0)	06/22/98	2-Hexanone	0.025	NA	U	
979EX036(7.0)	06/22/98	4-Methyl-2-Pentanone	0.025	2,310	U	
979EX036(7.0)	06/22/98	Methylene Chloride	0.0063	54	U	
979EX036(7.0)	06/22/98	Styrene	0.0063	2,040	U	
979EX036(7.0)	06/22/98	1,1,2,2-Tetrachloroethane	0.0063	1.35	U	
979EX036(7.0)	06/22/98	Tetrachloroethene	0.0063	15	U	
979EX036(7.0)	06/22/98	1,1,1-Trichloroethane	0.0063	3,600	U	
979EX036(7.0)	06/22/98	1,1,2-Trichloroethane	0.0063	1.95	U	
979EX036(7.0)	06/22/98	Trichlorofluoromethane	0.013	1,140	U	
979EX036(7.0)	06/22/98	Vinyl Acetate	0.013	2,340	U	
979EX036(7.0)	06/22/98	Gasoline	1.3	1,690	U	
979EX036(7.0)	06/22/98	Diesel	13	1,950	U	
979EX036(7.0)	06/22/98	Fuel Oil	63	2,730	U	
979EX036(7.0)	06/22/98	Benzene	0.0063	1.0	U	
979EX036(7.0)	06/22/98	Toluene	0.0063	14	U	
979EX036(7.0)	06/22/98	Ethylbenzene	0.0063	19	U	
979EX036(7.0)	06/22/98	Xylenes (Total)	0.0063	4,340	U	
979EX036(7.0)	06/22/98	Total Carcinogenic PAHs	0.195	253	U	
979EX036(7.0)	06/22/98	Benzo(a)anthracene	0.1	See Total	U	
979EX036(7.0)	06/22/98	Benzo(a)pyrene	0.025	9	U	
979EX036(7.0)	06/22/98	Benzo(b)fluoranthene	0.01	See Total	U	
979EX036(7.0)	06/22/98	Benzo(k)fluoranthene	0.01	See Total	U	
979EX036(7.0)	06/22/98	Chrysene	0.05	See Total	U	
979EX036(7.0)	06/22/98	4,4'-DDD	0.02	0.504	UJ	
979EX036(7.0)	06/22/98	4,4'-DDE	0.0025	0.514	UJ	
979EX036(7.0)	06/22/98	4,4'-DDT	0.005	0.496	UJ	
979EX036(7.0)	06/22/98	Aldrin	0.01	0.06	UJ	
979EX036(7.0)	06/22/98	Alpha-BHC	0.01	0.16	UJ	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 46 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX036(7.0)	06/22/98	Beta-BHC	0.01	0.58	UJ	
979EX036(7.0)	06/22/98	Chlordane	0.1	0.161	UJ	
979EX036(7.0)	06/22/98	Dieldrin	0.02	0.0469	UJ	
979EX036(7.0)	06/22/98	Endosulfan (Total)	0.030	908.7	UJ	
979EX036(7.0)	06/22/98	Endrin	0.02	46.6	UJ	
979EX036(7.0)	06/22/98	Gamma-BHC (Lindane)	0.01	0.94	UJ	
979EX036(7.0)	06/22/98	Heptachlor	0.01	0.18	UJ	
979EX036(7.0)	06/22/98	Heptachlor Epoxide	0.01	0.11	UJ	
979EX036(7.0)	06/22/98	Methoxychlor	0.1	768.9	UJ	
979EX036(7.0)	06/22/98	Toxaphene	0.2	0.93	UJ	
979EX036(7.0)	06/22/98	PCBs (Total)	0.7	1.0	UJ	
979EX036(7.0)	06/22/98	Aroclor-1016	0.1	See Total	UJ	
979EX036(7.0)	06/22/98	Aroclor-1221	0.1	See Total	UJ	
979EX036(7.0)	06/22/98	Aroclor-1232	0.1	See Total	UJ	
979EX036(7.0)	06/22/98	Aroclor-1242	0.1	See Total	UJ	
979EX036(7.0)	06/22/98	Aroclor-1248	0.1	See Total	UJ	
979EX036(7.0)	06/22/98	Aroclor-1254	0.1	See Total	UJ	
979EX036(7.0)	06/22/98	Aroclor-1260	0.1	See Total	UJ	
979EX036(7.0)	06/22/98	Aluminum	4,280	179,410		
979EX036(7.0)	06/22/98	Antimony	3.8	5	U	
979EX036(7.0)	06/22/98	Arsenic	1.8	4.56	J	
979EX036(7.0)	06/22/98	Barium	8	500	J	
979EX036(7.0)	06/22/98	Beryllium	0.25	0.33	U	
979EX036(7.0)	06/22/98	Cadmium	0.63	3.99	U	
979EX036(7.0)	06/22/98	Chromium	635	1,300	J	
979EX036(7.0)	06/22/98	Cobalt	39.2	159	J	
979EX036(7.0)	06/22/98	Copper	11.3	88		
979EX036(7.0)	06/22/98	Lead	13	477	U	
979EX036(7.0)	06/22/98	Lithium	63	3,495	U	
979EX036(7.0)	06/22/98	Manganese	398	7,456	J	
979EX036(7.0)	06/22/98	Molybdenum	2.5	885.4	U	
979EX036(7.0)	06/22/98	Nickel	946	5,500	J	
979EX036(7.0)	06/22/98	Selenium	31	885.4	U	
979EX036(7.0)	06/22/98	Silver	1.3	2.0	U	
979EX036(7.0)	06/22/98	Strontium	63	107,180	U	
979EX036(7.0)	06/22/98	Thallium	6.3	14.21	U	
979EX036(7.0)	06/22/98	Tin	13	107,180	UJ	
979EX036(7.0)	06/22/98	Vanadium	25.1	76		
979EX036(7.0)	06/22/98	Zinc	23.9	89		
979EX037(7.0)	06/22/98	cis-1,2-Dichloroethene	0.0057	467	U	

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 47 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX037(7.0)	06/22/98	trans-1,2-Dichloroethene	0.0057	1,027	U	
979EX037(7.0)	06/22/98	Trichloroethene	0.0057	1.3	U	
979EX037(7.0)	06/22/98	Vinyl Chloride	0.011	3.0	U	
979EX037(7.0)	06/22/98	Acetone	0.023	6,300	UJ	
979EX037(7.0)	06/22/98	Bromodichloromethane	0.0057	1.89	U	
979EX037(7.0)	06/22/98	Bromoform	0.0057	168	U	
979EX037(7.0)	06/22/98	Bromomethane	0.011	20.4	U	
979EX037(7.0)	06/22/98	2-Butanone	0.023	21,300	UJ	
979EX037(7.0)	06/22/98	Carbon Disulfide	0.0057	22.5	U	
979EX037(7.0)	06/22/98	Carbon Tetrachloride	0.0057	0.69	U	
979EX037(7.0)	06/22/98	Chlorobenzene	0.0057	195	U	
979EX037(7.0)	06/22/98	Chloroethane	0.011	3,300	U	
979EX037(7.0)	06/22/98	Chloroform	0.0057	0.75	U	
979EX037(7.0)	06/22/98	Chloromethane	0.011	3.6	U	
979EX037(7.0)	06/22/98	Dibromochloromethane	0.0057	15.9	U	
979EX037(7.0)	06/22/98	1,2-Dichlorobenzene	0.0057	2,100	U	
979EX037(7.0)	06/22/98	1,3-Dichlorobenzene	0.0057	1,500	U	
979EX037(7.0)	06/22/98	1,4-Dichlorobenzene	0.0057	10.8	U	
979EX037(7.0)	06/22/98	1,1-Dichloroethane	0.0057	1,500	U	
979EX037(7.0)	06/22/98	1,2-Dichloroethane	0.0057	0.75	U	
979EX037(7.0)	06/22/98	1,1-Dichloroethene	0.0057	0.111	U	
979EX037(7.0)	06/22/98	1,2-Dichloropropane	0.0057	0.93	U	
979EX037(7.0)	06/22/98	1,3-Dichloropropene	0.011	0.75	U	
979EX037(7.0)	06/22/98	2-Hexanone	0.023	NA	U	
979EX037(7.0)	06/22/98	4-Methyl-2-Pentanone	0.023	2,310	U	
979EX037(7.0)	06/22/98	Methylene Chloride	0.0057	54	U	
979EX037(7.0)	06/22/98	Styrene	0.0057	2,040	U	
979EX037(7.0)	06/22/98	1,1,2,2-Tetrachloroethane	0.0057	1.35	U	
979EX037(7.0)	06/22/98	Tetrachloroethene	0.0057	15	U	
979EX037(7.0)	06/22/98	1,1,1-Trichloroethane	0.0057	3,600	U	
979EX037(7.0)	06/22/98	1,1,2-Trichloroethane	0.0057	1.95	U	
979EX037(7.0)	06/22/98	Trichlorofluoromethane	0.011	1,140	U	
979EX037(7.0)	06/22/98	Vinyl Acetate	0.011	2,340	U	
979EX037(7.0)	06/22/98	Gasoline	1.1	1,690	U	
979EX037(7.0)	06/22/98	Diesel	11	1,950	U	
979EX037(7.0)	06/22/98	Fuel Oil	57	2,730	U	
979EX037(7.0)	06/22/98	Benzene	0.0057	1.0	U	
979EX037(7.0)	06/22/98	Toluene	0.0057	14	U	
979EX037(7.0)	06/22/98	Ethylbenzene	0.0057	19	U	
979EX037(7.0)	06/22/98	Xylenes (Total)	0.0057	4,340	U	

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 48 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX037(7.0)	06/22/98	Total Carcinogenic PAHs	0.177	253	U	
979EX037(7.0)	06/22/98	Benzo(a)anthracene	0.091	See Total	U	
979EX037(7.0)	06/22/98	Benzo(a)pyrene	0.023	9	U	
979EX037(7.0)	06/22/98	Benzo(b)fluoranthene	0.0091	See Total	U	
979EX037(7.0)	06/22/98	Benzo(k)fluoranthene	0.0091	See Total	U	
979EX037(7.0)	06/22/98	Chrysene	0.045	See Total	U	
979EX037(7.0)	06/22/98	4,4'-DDD	0.018	0.504	UJ	
979EX037(7.0)	06/22/98	4,4'-DDE	0.0023	0.514	UJ	
979EX037(7.0)	06/22/98	4,4'-DDT	0.0045	0.496	UJ	
979EX037(7.0)	06/22/98	Aldrin	0.0091	0.06	UJ	
979EX037(7.0)	06/22/98	Alpha-BHC	0.0091	0.16	UJ	
979EX037(7.0)	06/22/98	Beta-BHC	0.0091	0.58	UJ	
979EX037(7.0)	06/22/98	Chlordane	0.091	0.161	UJ	
979EX037(7.0)	06/22/98	Dieldrin	0.018	0.0469	UJ	
979EX037(7.0)	06/22/98	Endosulfan (Total)	0.027	908.7	UJ	
979EX037(7.0)	06/22/98	Endrin	0.018	46.6	UJ	
979EX037(7.0)	06/22/98	Gamma-BHC (Lindane)	0.0091	0.94	UJ	
979EX037(7.0)	06/22/98	Heptachlor	0.0091	0.18	UJ	
979EX037(7.0)	06/22/98	Heptachlor Epoxide	0.0091	0.11	UJ	
979EX037(7.0)	06/22/98	Methoxychlor	0.091	768.9	UJ	
979EX037(7.0)	06/22/98	Toxaphene	0.18	0.93	UJ	
979EX037(7.0)	06/22/98	PCBs (Total)	0.637	1.0	UJ	
979EX037(7.0)	06/22/98	Aroclor-1016	0.091	See Total	UJ	
979EX037(7.0)	06/22/98	Aroclor-1221	0.091	See Total	UJ	
979EX037(7.0)	06/22/98	Aroclor-1232	0.091	See Total	UJ	
979EX037(7.0)	06/22/98	Aroclor-1242	0.091	See Total	UJ	
979EX037(7.0)	06/22/98	Aroclor-1248	0.091	See Total	UJ	
979EX037(7.0)	06/22/98	Aroclor-1254	0.091	See Total	UJ	
979EX037(7.0)	06/22/98	Aroclor-1260	0.091	See Total	UJ	
979EX037(7.0)	06/22/98	Aluminum	4,570	179,410		
979EX037(7.0)	06/22/98	Antimony	3.4	5	U	
979EX037(7.0)	06/22/98	Arsenic	1.8	4.56	J	
979EX037(7.0)	06/22/98	Barium	16.5	500	J	
979EX037(7.0)	06/22/98	Beryllium	0.23	0.33	U	
979EX037(7.0)	06/22/98	Cadmium	0.57	3.99	U	
979EX037(7.0)	06/22/98	Chromium	645	1,300	J	
979EX037(7.0)	06/22/98	Cobalt	38.3	159	J	
979EX037(7.0)	06/22/98	Copper	11.4	88		
979EX037(7.0)	06/22/98	Lead	11	477	U	
979EX037(7.0)	06/22/98	Lithium	57	3,495	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 49 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX037(7.0)	06/22/98	Manganese	394	7,456	J	
979EX037(7.0)	06/22/98	Molybdenum	2.3	885.4	U	
979EX037(7.0)	06/22/98	Nickel	936	5,500	J	
979EX037(7.0)	06/22/98	Selenium	28	885.4	U	
979EX037(7.0)	06/22/98	Silver	1.1	2.0	U	
979EX037(7.0)	06/22/98	Strontium	57	107,180	U	
979EX037(7.0)	06/22/98	Thallium	5.7	14.21	U	
979EX037(7.0)	06/22/98	Tin	11	107,180	UJ	
979EX037(7.0)	06/22/98	Vanadium	27.6	76		
979EX037(7.0)	06/22/98	Zinc	25.8	89		
979EX038(8.0)	06/22/98	cis-1,2-Dichloroethene	0.0062	467	U	
979EX038(8.0)	06/22/98	trans-1,2-Dichloroethene	0.0062	1,027	U	
979EX038(8.0)	06/22/98	Trichloroethene	0.0062	1.3	U	
979EX038(8.0)	06/22/98	Vinyl Chloride	0.012	3.0	U	
979EX038(8.0)	06/22/98	Acetone	0.025	6,300	UJ	
979EX038(8.0)	06/22/98	Bromodichloromethane	0.0062	1.89	U	
979EX038(8.0)	06/22/98	Bromoform	0.0062	168	U	
979EX038(8.0)	06/22/98	Bromomethane	0.012	20.4	U	
979EX038(8.0)	06/22/98	2-Butanone	0.025	21,300	UJ	
979EX038(8.0)	06/22/98	Carbon Disulfide	0.0062	22.5	U	
979EX038(8.0)	06/22/98	Carbon Tetrachloride	0.0062	0.69	U	
979EX038(8.0)	06/22/98	Chlorobenzene	0.0062	195	U	
979EX038(8.0)	06/22/98	Chloroethane	0.012	3,300	U	
979EX038(8.0)	06/22/98	Chloroform	0.0062	0.75	U	
979EX038(8.0)	06/22/98	Chloromethane	0.012	3.6	U	
979EX038(8.0)	06/22/98	Dibromochloromethane	0.0062	15.9	U	
979EX038(8.0)	06/22/98	1,2-Dichlorobenzene	0.0062	2,100	U	
979EX038(8.0)	06/22/98	1,3-Dichlorobenzene	0.0062	1,500	U	
979EX038(8.0)	06/22/98	1,4-Dichlorobenzene	0.0062	10.8	U	
979EX038(8.0)	06/22/98	1,1-Dichloroethane	0.0062	1,500	U	
979EX038(8.0)	06/22/98	1,2-Dichloroethane	0.0062	0.75	U	
979EX038(8.0)	06/22/98	1,1-Dichloroethene	0.0062	0.111	U	
979EX038(8.0)	06/22/98	1,2-Dichloropropane	0.0062	0.93	U	
979EX038(8.0)	06/22/98	1,3-Dichloropropene	0.012	0.75	U	
979EX038(8.0)	06/22/98	2-Hexanone	0.025	NA	U	
979EX038(8.0)	06/22/98	4-Methyl-2-Pentanone	0.025	2,310	U	
979EX038(8.0)	06/22/98	Methylene Chloride	0.0062	54	U	
979EX038(8.0)	06/22/98	Styrene	0.0062	2,040	U	
979EX038(8.0)	06/22/98	1,1,2,2-Tetrachloroethane	0.0062	1.35	U	
979EX038(8.0)	06/22/98	Tetrachloroethene	0.0062	15	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 50 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX038(8.0)	06/22/98	1,1,1-Trichloroethane	0.0062	3,600	U	
979EX038(8.0)	06/22/98	1,1,2-Trichloroethane	0.0062	1.95	U	
979EX038(8.0)	06/22/98	Trichlorofluoromethane	0.012	1,140	U	
979EX038(8.0)	06/22/98	Vinyl Acetate	0.012	2,340	U	
979EX038(8.0)	06/22/98	Gasoline	1.2	1,690	U	
979EX038(8.0)	06/22/98	Diesel	12	1,950	U	
979EX038(8.0)	06/22/98	Fuel Oil	62	2,730	U	
979EX038(8.0)	06/22/98	Benzene	0.0062	1.0	U	
979EX038(8.0)	06/22/98	Toluene	0.0062	14	U	
979EX038(8.0)	06/22/98	Ethylbenzene	0.0062	19	U	
979EX038(8.0)	06/22/98	Xylenes (Total)	0.0062	4,340	U	
979EX038(8.0)	06/22/98	Total Carcinogenic PAHs	0.195	253	U	
979EX038(8.0)	06/22/98	Benzo(a)anthracene	0.1	See Total	U	
979EX038(8.0)	06/22/98	Benzo(a)pyrene	0.025	9	U	
979EX038(8.0)	06/22/98	Benzo(b)fluoranthene	0.01	See Total	U	
979EX038(8.0)	06/22/98	Benzo(k)fluoranthene	0.01	See Total	U	
979EX038(8.0)	06/22/98	Chrysene	0.05	See Total	U	
979EX038(8.0)	06/22/98	4,4'-DDD	0.02	0.504	UJ	
979EX038(8.0)	06/22/98	4,4'-DDE	0.0025	0.514	UJ	
979EX038(8.0)	06/22/98	4,4'-DDT	0.005	0.496	UJ	
979EX038(8.0)	06/22/98	Aldrin	0.01	0.06	UJ	
979EX038(8.0)	06/22/98	Alpha-BHC	0.01	0.16	UJ	
979EX038(8.0)	06/22/98	Beta-BHC	0.01	0.58	UJ	
979EX038(8.0)	06/22/98	Chlordane	0.1	0.161	UJ	
979EX038(8.0)	06/22/98	Dieldrin	0.02	0.0469	UJ	
979EX038(8.0)	06/22/98	Endosulfan (Total)	0.030	908.7	UJ	
979EX038(8.0)	06/22/98	Endrin	0.02	46.6	UJ	
979EX038(8.0)	06/22/98	Gamma-BHC (Lindane)	0.01	0.94	UJ	
979EX038(8.0)	06/22/98	Heptachlor	0.01	0.18	UJ	
979EX038(8.0)	06/22/98	Heptachlor Epoxide	0.01	0.11	UJ	
979EX038(8.0)	06/22/98	Methoxychlor	0.1	768.9	UJ	
979EX038(8.0)	06/22/98	Toxaphene	0.2	0.93	UJ	
979EX038(8.0)	06/22/98	PCBs (Total)	0.7	1.0	UJ	
979EX038(8.0)	06/22/98	Aroclor-1016	0.1	See Total	UJ	
979EX038(8.0)	06/22/98	Aroclor-1221	0.1	See Total	UJ	
979EX038(8.0)	06/22/98	Aroclor-1232	0.1	See Total	UJ	
979EX038(8.0)	06/22/98	Aroclor-1242	0.1	See Total	UJ	
979EX038(8.0)	06/22/98	Aroclor-1248	0.1	See Total	UJ	
979EX038(8.0)	06/22/98	Aroclor-1254	0.1	See Total	UJ	
979EX038(8.0)	06/22/98	Aroclor-1260	0.1	See Total	UJ	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 51 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX038(8.0)	06/22/98	Aluminum	4,670	179,410		
979EX038(8.0)	06/22/98	Antimony	3.7	5	U	
979EX038(8.0)	06/22/98	Arsenic	3.5	4.56		
979EX038(8.0)	06/22/98	Barium	12.7	500	J	
979EX038(8.0)	06/22/98	Beryllium	0.25	0.33	U	
979EX038(8.0)	06/22/98	Cadmium	0.62	3.99	U	
979EX038(8.0)	06/22/98	Chromium	452	1,300	J	
979EX038(8.0)	06/22/98	Cobalt	26.4	159	J	
979EX038(8.0)	06/22/98	Copper	9.3	88		
979EX038(8.0)	06/22/98	Lead	12	477	U	
979EX038(8.0)	06/22/98	Lithium	62	3,495	U	
979EX038(8.0)	06/22/98	Manganese	283	7,456	J	
979EX038(8.0)	06/22/98	Molybdenum	2.5	885.4	U	
979EX038(8.0)	06/22/98	Nickel	488	5,500	J	
979EX038(8.0)	06/22/98	Selenium	31	885.4	U	
979EX038(8.0)	06/22/98	Silver	1.2	2.0	U	
979EX038(8.0)	06/22/98	Strontium	62	107,180	U	
979EX038(8.0)	06/22/98	Thallium	6.2	14.21	U	
979EX038(8.0)	06/22/98	Tin	12	107,180	UJ	
979EX038(8.0)	06/22/98	Vanadium	27.5	76		
979EX038(8.0)	06/22/98	Zinc	22.5	89		
Test Pit 5						
979EX023(6.0)	05/12/98	cis-1,2-Dichloroethene	0.0054	467	U	
979EX023(6.0)	05/12/98	trans-1,2-Dichloroethene	0.0054	1,027	U	
979EX023(6.0)	05/12/98	Trichloroethene	0.0054	1.3	U	
979EX023(6.0)	05/12/98	Vinyl Chloride	0.011	3.0	U	
979EX023(6.0)	05/12/98	Acetone	0.031	6,300	J-	
979EX023(6.0)	05/12/98	Bromodichloromethane	0.0054	1.89	U	
979EX023(6.0)	05/12/98	Bromoform	0.0054	168	U	
979EX023(6.0)	05/12/98	Bromomethane	0.011	20.4	U	
979EX023(6.0)	05/12/98	2-Butanone	0.021	21,300	U	
979EX023(6.0)	05/12/98	Carbon Disulfide	0.0054	22.5	UJ	
979EX023(6.0)	05/12/98	Carbon Tetrachloride	0.0054	0.69	U	
979EX023(6.0)	05/12/98	Chlorobenzene	0.0054	195	U	
979EX023(6.0)	05/12/98	Chloroethane	0.011	3,300	U	
979EX023(6.0)	05/12/98	Chloroform	0.0054	0.75	U	
979EX023(6.0)	05/12/98	Chloromethane	0.011	3.6	U	
979EX023(6.0)	05/12/98	Dibromochloromethane	0.0054	15.9	U	
979EX023(6.0)	05/12/98	1,2-Dichlorobenzene	0.0054	2,100	U	
979EX023(6.0)	05/12/98	1,3-Dichlorobenzene	0.0054	1,500	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 52 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX023(6.0)	05/12/98	1,4-Dichlorobenzene	0.0054	10.8	U	
979EX023(6.0)	05/12/98	1,1-Dichloroethane	0.0054	1,500	U	
979EX023(6.0)	05/12/98	1,2-Dichloroethane	0.0054	0.75	U	
979EX023(6.0)	05/12/98	1,1-Dichloroethene	0.0054	0.111	UJ	
979EX023(6.0)	05/12/98	1,2-Dichloropropane	0.0054	0.93	U	
979EX023(6.0)	05/12/98	1,3-Dichloropropene	0.011	0.75	U	
979EX023(6.0)	05/12/98	2-Hexanone	0.021	NA	U	
979EX023(6.0)	05/12/98	4-Methyl-2-Pentanone	0.021	2,310	U	
979EX023(6.0)	05/12/98	Methylene Chloride	0.0054	54	U	
979EX023(6.0)	05/12/98	Styrene	0.0054	2,040	U	
979EX023(6.0)	05/12/98	1,1,2,2-Tetrachloroethane	0.0054	1.35	U	
979EX023(6.0)	05/12/98	Tetrachloroethene	0.0054	15	U	
979EX023(6.0)	05/12/98	1,1,1-Trichloroethane	0.0054	3,600	U	
979EX023(6.0)	05/12/98	1,1,2-Trichloroethane	0.0054	1.95	U	
979EX023(6.0)	05/12/98	Trichlorofluoromethane	0.011	1,140	U	
979EX023(6.0)	05/12/98	Vinyl Acetate	0.011	2,340	U	
979EX023(6.0)	05/12/98	Gasoline	1.1	1,690	U	
979EX023(6.0)	05/12/98	Diesel	11	1,950	U	
979EX023(6.0)	05/12/98	Fuel Oil	54	2,730	U	
979EX023(6.0)	05/12/98	Benzene	0.0054	1.0	U	
979EX023(6.0)	05/12/98	Toluene	0.0054	14	UJ	
979EX023(6.0)	05/12/98	Ethylbenzene	0.0054	19	U	
979EX023(6.0)	05/12/98	Xylenes (Total)	0.0054	4,340	U	
979EX023(6.0)	05/12/98	Total Carcinogenic PAHs	0.167	253	U	
979EX023(6.0)	05/12/98	Benzo(a)anthracene	0.086	See Total	U	
979EX023(6.0)	05/12/98	Benzo(a)pyrene	0.021	9	U	
979EX023(6.0)	05/12/98	Benzo(b)fluoranthene	0.0086	See Total	U	
979EX023(6.0)	05/12/98	Benzo(k)fluoranthene	0.0086	See Total	U	
979EX023(6.0)	05/12/98	Chrysene	0.043	See Total	U	
979EX023(6.0)	05/12/98	4,4'-DDD	0.017	0.504	U	
979EX023(6.0)	05/12/98	4,4'-DDE	0.0021	0.514	U	
979EX023(6.0)	05/12/98	4,4'-DDT	0.0043	0.496	U	
979EX023(6.0)	05/12/98	Aldrin	0.0086	0.06	U	
979EX023(6.0)	05/12/98	Alpha-BHC	0.0086	0.16	U	
979EX023(6.0)	05/12/98	Beta-BHC	0.0086	0.58	U	
979EX023(6.0)	05/12/98	Chlordane	0.086	0.161	U	
979EX023(6.0)	05/12/98	Dieldrin	0.017	0.0469	U	
979EX023(6.0)	05/12/98	Endosulfan (Total)	0.026	908.7	U	
979EX023(6.0)	05/12/98	Endrin	0.017	46.6	U	
979EX023(6.0)	05/12/98	Gamma-BHC (Lindane)	0.0086	0.94	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 53 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX023(6.0)	05/12/98	Heptachlor	0.0086	0.18	U	
979EX023(6.0)	05/12/98	Heptachlor Epoxide	0.0086	0.11	U	
979EX023(6.0)	05/12/98	Methoxychlor	0.086	768.9	U	
979EX023(6.0)	05/12/98	Toxaphene	0.17	0.93	U	
979EX023(6.0)	05/12/98	PCBs (Total)	0.588	1.0	U	
979EX023(6.0)	05/12/98	Aroclor-1016	0.086	See Total	U	
979EX023(6.0)	05/12/98	Aroclor-1221	0.072	See Total	U	
979EX023(6.0)	05/12/98	Aroclor-1232	0.086	See Total	U	
979EX023(6.0)	05/12/98	Aroclor-1242	0.086	See Total	U	
979EX023(6.0)	05/12/98	Aroclor-1248	0.086	See Total	U	
979EX023(6.0)	05/12/98	Aroclor-1254	0.086	See Total	U	
979EX023(6.0)	05/12/98	Aroclor-1260	0.086	See Total	U	
979EX023(6.0)	05/12/98	Aluminum	3,100	179,410		
979EX023(6.0)	05/12/98	Antimony	3.2	5	U	
979EX023(6.0)	05/12/98	Arsenic	2.3	4.56	J	
979EX023(6.0)	05/12/98	Barium	6.9	500		
979EX023(6.0)	05/12/98	Beryllium	0.21	0.33	U	
979EX023(6.0)	05/12/98	Cadmium	0.54	3.99	U	
979EX023(6.0)	05/12/98	Chromium	330	1,300		
979EX023(6.0)	05/12/98	Cobalt	18	159		
979EX023(6.0)	05/12/98	Copper	6.5	88		
979EX023(6.0)	05/12/98	Lead	11	477	U	
979EX023(6.0)	05/12/98	Lithium	110	3,495	U	
979EX023(6.0)	05/12/98	Manganese	220	7,456		
979EX023(6.0)	05/12/98	Molybdenum	2.1	885.4	U	
979EX023(6.0)	05/12/98	Nickel	400	5,500		
979EX023(6.0)	05/12/98	Selenium	27	885.4	U	
979EX023(6.0)	05/12/98	Silver	1.1	2.0	U	
979EX023(6.0)	05/12/98	Strontium	110	107,180	U	
979EX023(6.0)	05/12/98	Thallium	5.4	14.21	U	
979EX023(6.0)	05/12/98	Tin	21	107,180	U	
979EX023(6.0)	05/12/98	Vanadium	18.4	76		
979EX023(6.0)	05/12/98	Zinc	14.2	89		
979EX023(6.0)DUP	05/12/98	cis-1,2-Dichloroethene	0.0059	467	U	979DUP051298A
979EX023(6.0)DUP	05/12/98	trans-1,2-Dichloroethene	0.0059	1,027	U	
979EX023(6.0)DUP	05/12/98	Trichloroethene	0.0059	1.3	U	
979EX023(6.0)DUP	05/12/98	Vinyl Chloride	0.012	3.0	U	
979EX023(6.0)DUP	05/12/98	Acetone	0.04	6,300	J-	
979EX023(6.0)DUP	05/12/98	Bromodichloromethane	0.0059	1.89	U	
979EX023(6.0)DUP	05/12/98	Bromoform	0.0059	168	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 54 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX023(6.0)DUP	05/12/98	Bromomethane	0.012	20.4	U	
979EX023(6.0)DUP	05/12/98	2-Butanone	0.024	21,300	U	
979EX023(6.0)DUP	05/12/98	Carbon Disulfide	0.0059	22.5	UJ	
979EX023(6.0)DUP	05/12/98	Carbon Tetrachloride	0.0059	0.69	U	
979EX023(6.0)DUP	05/12/98	Chlorobenzene	0.0059	195	U	
979EX023(6.0)DUP	05/12/98	Chloroethane	0.012	3,300	U	
979EX023(6.0)DUP	05/12/98	Chloroform	0.0059	0.75	U	
979EX023(6.0)DUP	05/12/98	Chloromethane	0.012	3.6	U	
979EX023(6.0)DUP	05/12/98	Dibromochloromethane	0.0059	15.9	U	
979EX023(6.0)DUP	05/12/98	1,2-Dichlorobenzene	0.0059	2,100	U	
979EX023(6.0)DUP	05/12/98	1,3-Dichlorobenzene	0.0059	1,500	U	
979EX023(6.0)DUP	05/12/98	1,4-Dichlorobenzene	0.0059	10.8	U	
979EX023(6.0)DUP	05/12/98	1,1-Dichloroethane	0.0059	1,500	U	
979EX023(6.0)DUP	05/12/98	1,2-Dichloroethane	0.0059	0.75	U	
979EX023(6.0)DUP	05/12/98	1,1-Dichloroethene	0.0059	0.111	UJ	
979EX023(6.0)DUP	05/12/98	1,2-Dichloropropane	0.0059	0.93	U	
979EX023(6.0)DUP	05/12/98	1,3-Dichloropropene	0.012	0.75	U	
979EX023(6.0)DUP	05/12/98	2-Hexanone	0.024	NA	U	
979EX023(6.0)DUP	05/12/98	4-Methyl-2-Pentanone	0.024	2,310	U	
979EX023(6.0)DUP	05/12/98	Methylene Chloride	0.0059	54	U	
979EX023(6.0)DUP	05/12/98	Styrene	0.0059	2,040	U	
979EX023(6.0)DUP	05/12/98	1,1,2,2-Tetrachloroethane	0.0059	1.35	U	
979EX023(6.0)DUP	05/12/98	Tetrachloroethene	0.0059	15	U	
979EX023(6.0)DUP	05/12/98	1,1,1-Trichloroethane	0.0059	3,600	U	
979EX023(6.0)DUP	05/12/98	1,1,2-Trichloroethane	0.0059	1.95	U	
979EX023(6.0)DUP	05/12/98	Trichlorofluoromethane	0.012	1,140	U	
979EX023(6.0)DUP	05/12/98	Vinyl Acetate	0.012	2,340	U	
979EX023(6.0)DUP	05/12/98	Gasoline	1.2	1,690	U	
979EX023(6.0)DUP	05/12/98	Diesel	12	1,950	U	
979EX023(6.0)DUP	05/12/98	Fuel Oil	59	2,730	U	
979EX023(6.0)DUP	05/12/98	Benzene	0.0059	1.0	U	
979EX023(6.0)DUP	05/12/98	Toluene	0.0059	14	UJ	
979EX023(6.0)DUP	05/12/98	Ethylbenzene	0.0059	19	U	
979EX023(6.0)DUP	05/12/98	Xylenes (Total)	0.0059	4,340	U	
979EX023(6.0)DUP	05/12/98	Total Carcinogenic PAHs	0.184	253	U	
979EX023(6.0)DUP	05/12/98	Benzo(a)anthracene	0.094	See Total	U	
979EX023(6.0)DUP	05/12/98	Benzo(a)pyrene	0.024	9	U	
979EX023(6.0)DUP	05/12/98	Benzo(b)fluoranthene	0.0094	See Total	U	
979EX023(6.0)DUP	05/12/98	Benzo(k)fluoranthene	0.0094	See Total	U	
979EX023(6.0)DUP	05/12/98	Chrysene	0.047	See Total	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 55 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX023(6.0)DUP	05/12/98	4,4'-DDD	0.019	0.504	U	
979EX023(6.0)DUP	05/12/98	4,4'-DDE	0.0024	0.514	U	
979EX023(6.0)DUP	05/12/98	4,4'-DDT	0.0047	0.496	U	
979EX023(6.0)DUP	05/12/98	Aldrin	0.0094	0.06	U	
979EX023(6.0)DUP	05/12/98	Alpha-BHC	0.0094	0.16	U	
979EX023(6.0)DUP	05/12/98	Beta-BHC	0.0094	0.58	U	
979EX023(6.0)DUP	05/12/98	Chlordane	0.094	0.161	U	
979EX023(6.0)DUP	05/12/98	Dieldrin	0.019	0.0469	U	
979EX023(6.0)DUP	05/12/98	Endosulfan (Total)	0.028	908.7	U	
979EX023(6.0)DUP	05/12/98	Endrin	0.019	46.6	U	
979EX023(6.0)DUP	05/12/98	Gamma-BHC (Lindane)	0.0094	0.94	U	
979EX023(6.0)DUP	05/12/98	Heptachlor	0.0094	0.18	U	
979EX023(6.0)DUP	05/12/98	Heptachlor Epoxide	0.0094	0.11	U	
979EX023(6.0)DUP	05/12/98	Methoxychlor	0.094	768.9	U	
979EX023(6.0)DUP	05/12/98	Toxaphene	0.19	0.93	U	
979EX023(6.0)DUP	05/12/98	PCBs (Total)	0.643	1.0	U	
979EX023(6.0)DUP	05/12/98	Aroclor-1016	0.094	See Total	U	
979EX023(6.0)DUP	05/12/98	Aroclor-1221	0.079	See Total	U	
979EX023(6.0)DUP	05/12/98	Aroclor-1232	0.094	See Total	U	
979EX023(6.0)DUP	05/12/98	Aroclor-1242	0.094	See Total	U	
979EX023(6.0)DUP	05/12/98	Aroclor-1248	0.094	See Total	U	
979EX023(6.0)DUP	05/12/98	Aroclor-1254	0.094	See Total	U	
979EX023(6.0)DUP	05/12/98	Aroclor-1260	0.094	See Total	U	
979EX023(6.0)DUP	05/12/98	Aluminum	3,200	179,410		
979EX023(6.0)DUP	05/12/98	Antimony	3.6	5	U	
979EX023(6.0)DUP	05/12/98	Arsenic	2.9	4.56	UJ	
979EX023(6.0)DUP	05/12/98	Barium	6.4	500		
979EX023(6.0)DUP	05/12/98	Beryllium	0.24	0.33	U	
979EX023(6.0)DUP	05/12/98	Cadmium	0.59	3.99	U	
979EX023(6.0)DUP	05/12/98	Chromium	590	1,300		
979EX023(6.0)DUP	05/12/98	Cobalt	33.2	159		
979EX023(6.0)DUP	05/12/98	Copper	8.8	88		
979EX023(6.0)DUP	05/12/98	Lead	12	477	U	
979EX023(6.0)DUP	05/12/98	Lithium	120	3,495	U	
979EX023(6.0)DUP	05/12/98	Manganese	330	7,456		
979EX023(6.0)DUP	05/12/98	Molybdenum	2.4	885.4	U	
979EX023(6.0)DUP	05/12/98	Nickel	820	5,500		
979EX023(6.0)DUP	05/12/98	Selenium	29	885.4	U	
979EX023(6.0)DUP	05/12/98	Silver	1.2	2.0	U	
979EX023(6.0)DUP	05/12/98	Strontium	120	107,180	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 56 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX023(6.0)DUP	05/12/98	Thallium	5.9	14.21	U	
979EX023(6.0)DUP	05/12/98	Tin	24	107,180	U	
979EX023(6.0)DUP	05/12/98	Vanadium	18.2	76		
979EX023(6.0)DUP	05/12/98	Zinc	16.7	89		
979EX024(6.0)	05/12/98	cis-1,2-Dichloroethene	0.0056	467	U	
979EX024(6.0)	05/12/98	trans-1,2-Dichloroethene	0.0056	1,027	U	
979EX024(6.0)	05/12/98	Trichloroethene	0.0056	1.3	U	
979EX024(6.0)	05/12/98	Vinyl Chloride	0.011	3.0	U	
979EX024(6.0)	05/12/98	Acetone	0.024	6,300	J-	
979EX024(6.0)	05/12/98	Bromodichloromethane	0.0056	1.89	U	
979EX024(6.0)	05/12/98	Bromoform	0.0056	168	U	
979EX024(6.0)	05/12/98	Bromomethane	0.011	20.4	U	
979EX024(6.0)	05/12/98	2-Butanone	0.022	21,300	U	
979EX024(6.0)	05/12/98	Carbon Disulfide	0.0056	22.5	UJ	
979EX024(6.0)	05/12/98	Carbon Tetrachloride	0.0056	0.69	U	
979EX024(6.0)	05/12/98	Chlorobenzene	0.0056	195	U	
979EX024(6.0)	05/12/98	Chloroethane	0.011	3,300	U	
979EX024(6.0)	05/12/98	Chloroform	0.0056	0.75	U	
979EX024(6.0)	05/12/98	Chloromethane	0.011	3.6	U	
979EX024(6.0)	05/12/98	Dibromochloromethane	0.0056	15.9	U	
979EX024(6.0)	05/12/98	1,2-Dichlorobenzene	0.0056	2,100	U	
979EX024(6.0)	05/12/98	1,3-Dichlorobenzene	0.0056	1,500	U	
979EX024(6.0)	05/12/98	1,4-Dichlorobenzene	0.0056	10.8	U	
979EX024(6.0)	05/12/98	1,1-Dichloroethane	0.0056	1,500	U	
979EX024(6.0)	05/12/98	1,2-Dichloroethane	0.0056	0.75	U	
979EX024(6.0)	05/12/98	1,1-Dichloroethene	0.0056	0.111	UJ	
979EX024(6.0)	05/12/98	1,2-Dichloropropane	0.0056	0.93	U	
979EX024(6.0)	05/12/98	1,3-Dichloropropene	0.011	0.75	U	
979EX024(6.0)	05/12/98	2-Hexanone	0.022	NA	U	
979EX024(6.0)	05/12/98	4-Methyl-2-Pentanone	0.022	2,310	U	
979EX024(6.0)	05/12/98	Methylene Chloride	0.0056	54	U	
979EX024(6.0)	05/12/98	Styrene	0.0056	2,040	U	
979EX024(6.0)	05/12/98	1,1,2,2-Tetrachloroethane	0.0056	1.35	U	
979EX024(6.0)	05/12/98	Tetrachloroethene	0.0056	15	U	
979EX024(6.0)	05/12/98	1,1,1-Trichloroethane	0.0056	3,600	U	
979EX024(6.0)	05/12/98	1,1,2-Trichloroethane	0.0056	1.95	U	
979EX024(6.0)	05/12/98	Trichlorofluoromethane	0.011	1,140	U	
979EX024(6.0)	05/12/98	Vinyl Acetate	0.011	2,340	U	
979EX024(6.0)	05/12/98	Gasoline	1.1	1,690	U	
979EX024(6.0)	05/12/98	Diesel	11	1,950	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 57 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX024(6.0)	05/12/98	Fuel Oil	56	2,730	U	
979EX024(6.0)	05/12/98	Benzene	0.0056	1.0	U	
979EX024(6.0)	05/12/98	Toluene	0.0056	14	UJ	
979EX024(6.0)	05/12/98	Ethylbenzene	0.0056	19	U	
979EX024(6.0)	05/12/98	Xylenes (Total)	0.0056	4,340	U	
979EX024(6.0)	05/12/98	Total Carcinogenic PAHs	0.174	253	U	
979EX024(6.0)	05/12/98	Benzo(a)anthracene	0.089	See Total	U	
979EX024(6.0)	05/12/98	Benzo(a)pyrene	0.022	9	U	
979EX024(6.0)	05/12/98	Benzo(b)fluoranthene	0.0089	See Total	U	
979EX024(6.0)	05/12/98	Benzo(k)fluoranthene	0.0089	See Total	U	
979EX024(6.0)	05/12/98	Chrysene	0.045	See Total	U	
979EX024(6.0)	05/12/98	4,4'-DDD	0.018	0.504	U	
979EX024(6.0)	05/12/98	4,4'-DDE	0.0022	0.514	U	
979EX024(6.0)	05/12/98	4,4'-DDT	0.0045	0.496	U	
979EX024(6.0)	05/12/98	Aldrin	0.0089	0.06	U	
979EX024(6.0)	05/12/98	Alpha-BHC	0.0089	0.16	U	
979EX024(6.0)	05/12/98	Beta-BHC	0.0089	0.58	U	
979EX024(6.0)	05/12/98	Chlordane	0.089	0.161	U	
979EX024(6.0)	05/12/98	Dieldrin	0.018	0.0469	U	
979EX024(6.0)	05/12/98	Endosulfan (Total)	0.027	908.7	U	
979EX024(6.0)	05/12/98	Endrin	0.018	46.6	U	
979EX024(6.0)	05/12/98	Gamma-BHC (Lindane)	0.0089	0.94	U	
979EX024(6.0)	05/12/98	Heptachlor	0.0089	0.18	U	
979EX024(6.0)	05/12/98	Heptachlor Epoxide	0.0089	0.11	U	
979EX024(6.0)	05/12/98	Methoxychlor	0.089	768.9	U	
979EX024(6.0)	05/12/98	Toxaphene	0.18	0.93	U	
979EX024(6.0)	05/12/98	PCBs (Total)	0.609	1.0	U	
979EX024(6.0)	05/12/98	Aroclor-1016	0.089	See Total	U	
979EX024(6.0)	05/12/98	Aroclor-1221	0.075	See Total	U	
979EX024(6.0)	05/12/98	Aroclor-1232	0.089	See Total	U	
979EX024(6.0)	05/12/98	Aroclor-1242	0.089	See Total	U	
979EX024(6.0)	05/12/98	Aroclor-1248	0.089	See Total	U	
979EX024(6.0)	05/12/98	Aroclor-1254	0.089	See Total	U	
979EX024(6.0)	05/12/98	Aroclor-1260	0.089	See Total	U	
979EX024(6.0)	05/12/98	Aluminum	3,400	179,410		
979EX024(6.0)	05/12/98	Antimony	3.6	5	U	
979EX024(6.0)	05/12/98	Arsenic	2.8	4.56	UJ	
979EX024(6.0)	05/12/98	Barium	6.3	500		
979EX024(6.0)	05/12/98	Beryllium	0.22	0.33	U	
979EX024(6.0)	05/12/98	Cadmium	0.56	3.99	U	

Footnotes at end of table.
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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 58 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX024(6.0)	05/12/98	Chromium	580	1,300		
979EX024(6.0)	05/12/98	Cobalt	34	159		
979EX024(6.0)	05/12/98	Copper	9.6	88		
979EX024(6.0)	05/12/98	Lead	11	477	U	
979EX024(6.0)	05/12/98	Lithium	110	3,495	U	
979EX024(6.0)	05/12/98	Manganese	340	7,456		
979EX024(6.0)	05/12/98	Molybdenum	2.2	885.4	U	
979EX024(6.0)	05/12/98	Nickel	840	5,500		
979EX024(6.0)	05/12/98	Selenium	28	885.4	U	
979EX024(6.0)	05/12/98	Silver	1.1	2.0	U	
979EX024(6.0)	05/12/98	Strontium	110	107,180	U	
979EX024(6.0)	05/12/98	Thallium	5.6	14.21	U	
979EX024(6.0)	05/12/98	Tin	22	107,180	U	
979EX024(6.0)	05/12/98	Vanadium	20	76		
979EX024(6.0)	05/12/98	Zinc	18	89		
979EX025(6.0)	05/12/98	cis-1,2-Dichloroethene	0.0056	467	U	
979EX025(6.0)	05/12/98	trans-1,2-Dichloroethene	0.0056	1,027	U	
979EX025(6.0)	05/12/98	Trichloroethene	0.0056	1.3	U	
979EX025(6.0)	05/12/98	Vinyl Chloride	0.011	3.0	U	
979EX025(6.0)	05/12/98	Acetone	0.026	6,300	J-	
979EX025(6.0)	05/12/98	Bromodichloromethane	0.0056	1.89	U	
979EX025(6.0)	05/12/98	Bromoform	0.0056	168	U	
979EX025(6.0)	05/12/98	Bromomethane	0.011	20.4	U	
979EX025(6.0)	05/12/98	2-Butanone	0.022	21,300	U	
979EX025(6.0)	05/12/98	Carbon Disulfide	0.0056	22.5	UJ	
979EX025(6.0)	05/12/98	Carbon Tetrachloride	0.0056	0.69	U	
979EX025(6.0)	05/12/98	Chlorobenzene	0.0056	195	U	
979EX025(6.0)	05/12/98	Chloroethane	0.011	3,300	U	
979EX025(6.0)	05/12/98	Chloroform	0.0056	0.75	U	
979EX025(6.0)	05/12/98	Chloromethane	0.011	3.6	U	
979EX025(6.0)	05/12/98	Dibromochloromethane	0.0056	15.9	U	
979EX025(6.0)	05/12/98	1,2-Dichlorobenzene	0.0056	2,100	U	
979EX025(6.0)	05/12/98	1,3-Dichlorobenzene	0.0056	1,500	U	
979EX025(6.0)	05/12/98	1,4-Dichlorobenzene	0.0056	10.8	U	
979EX025(6.0)	05/12/98	1,1-Dichloroethane	0.0056	1,500	U	
979EX025(6.0)	05/12/98	1,2-Dichloroethane	0.0056	0.75	U	
979EX025(6.0)	05/12/98	1,1-Dichloroethene	0.0056	0.111	UJ	
979EX025(6.0)	05/12/98	1,2-Dichloropropane	0.0056	0.93	U	
979EX025(6.0)	05/12/98	1,3-Dichloropropene	0.011	0.75	U	
979EX025(6.0)	05/12/98	2-Hexanone	0.022	NA	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 59 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX025(6.0)	05/12/98	4-Methyl-2-Pentanone	0.022	2,310	U	
979EX025(6.0)	05/12/98	Methylene Chloride	0.0056	54	U	
979EX025(6.0)	05/12/98	Styrene	0.0056	2,040	U	
979EX025(6.0)	05/12/98	1,1,2,2-Tetrachloroethane	0.0056	1.35	U	
979EX025(6.0)	05/12/98	Tetrachloroethene	0.0056	15	U	
979EX025(6.0)	05/12/98	1,1,1-Trichloroethane	0.0056	3,600	U	
979EX025(6.0)	05/12/98	1,1,2-Trichloroethane	0.0056	1.95	U	
979EX025(6.0)	05/12/98	Trichlorofluoromethane	0.011	1,140	U	
979EX025(6.0)	05/12/98	Vinyl Acetate	0.011	2,340	U	
979EX025(6.0)	05/12/98	Gasoline	1.1	1,690	U	
979EX025(6.0)	05/12/98	Diesel	11	1,950	U	
979EX025(6.0)	05/12/98	Fuel Oil	56	2,730	U	
979EX025(6.0)	05/12/98	Benzene	0.0056	1.0	U	
979EX025(6.0)	05/12/98	Toluene	0.0056	14	UJ	
979EX025(6.0)	05/12/98	Ethylbenzene	0.0056	19	U	
979EX025(6.0)	05/12/98	Xylenes (Total)	0.0056	4,340	U	
979EX025(6.0)	05/12/98	Total Carcinogenic PAHs	0.174	253	U	
979EX025(6.0)	05/12/98	Benzo(a)anthracene	0.089	See Total	U	
979EX025(6.0)	05/12/98	Benzo(a)pyrene	0.022	9	U	
979EX025(6.0)	05/12/98	Benzo(b)fluoranthene	0.0089	See Total	U	
979EX025(6.0)	05/12/98	Benzo(k)fluoranthene	0.0089	See Total	U	
979EX025(6.0)	05/12/98	Chrysene	0.045	See Total	U	
979EX025(6.0)	05/12/98	4,4'-DDD	0.018	0.504	U	
979EX025(6.0)	05/12/98	4,4'-DDE	0.0022	0.514	U	
979EX025(6.0)	05/12/98	4,4'-DDT	0.0045	0.496	U	
979EX025(6.0)	05/12/98	Aldrin	0.0089	0.06	U	
979EX025(6.0)	05/12/98	Alpha-BHC	0.0089	0.16	U	
979EX025(6.0)	05/12/98	Beta-BHC	0.0089	0.58	U	
979EX025(6.0)	05/12/98	Chlordane	0.089	0.161	U	
979EX025(6.0)	05/12/98	Dieldrin	0.018	0.0469	U	
979EX025(6.0)	05/12/98	Endosulfan (Total)	0.027	908.7	U	
979EX025(6.0)	05/12/98	Endrin	0.018	46.6	U	
979EX025(6.0)	05/12/98	Gamma-BHC (Lindane)	0.0089	0.94	U	
979EX025(6.0)	05/12/98	Heptachlor	0.0089	0.18	U	
979EX025(6.0)	05/12/98	Heptachlor Epoxide	0.0089	0.11	U	
979EX025(6.0)	05/12/98	Methoxychlor	0.089	768.9	U	
979EX025(6.0)	05/12/98	Toxaphene	0.18	0.93	U	
979EX025(6.0)	05/12/98	PCBs (Total)	0.609	1.0	U	
979EX025(6.0)	05/12/98	Aroclor-1016	0.089	See Total	U	
979EX025(6.0)	05/12/98	Aroclor-1221	0.075	See Total	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 60 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX025(6.0)	05/12/98	Aroclor-1232	0.089	See Total	U	
979EX025(6.0)	05/12/98	Aroclor-1242	0.089	See Total	U	
979EX025(6.0)	05/12/98	Aroclor-1248	0.089	See Total	U	
979EX025(6.0)	05/12/98	Aroclor-1254	0.089	See Total	U	
979EX025(6.0)	05/12/98	Aroclor-1260	0.089	See Total	U	
979EX025(6.0)	05/12/98	Aluminum	3,600	179,410		
979EX025(6.0)	05/12/98	Antimony	3.3	5	U	
979EX025(6.0)	05/12/98	Arsenic	2	4.56	J	
979EX025(6.0)	05/12/98	Barium	8.1	500		
979EX025(6.0)	05/12/98	Beryllium	0.22	0.33	U	
979EX025(6.0)	05/12/98	Cadmium	0.56	3.99	U	
979EX025(6.0)	05/12/98	Chromium	320	1,300		
979EX025(6.0)	05/12/98	Cobalt	18	159		
979EX025(6.0)	05/12/98	Copper	6.6	88		
979EX025(6.0)	05/12/98	Lead	11	477	U	
979EX025(6.0)	05/12/98	Lithium	110	3,495	U	
979EX025(6.0)	05/12/98	Manganese	220	7,456		
979EX025(6.0)	05/12/98	Molybdenum	2.2	885.4	U	
979EX025(6.0)	05/12/98	Nickel	360	5,500		
979EX025(6.0)	05/12/98	Selenium	28	885.4	U	
979EX025(6.0)	05/12/98	Silver	1.1	2.0	U	
979EX025(6.0)	05/12/98	Strontium	110	107,180	U	
979EX025(6.0)	05/12/98	Thallium	5.6	14.21	U	
979EX025(6.0)	05/12/98	Tin	22	107,180	U	
979EX025(6.0)	05/12/98	Vanadium	20	76		
979EX025(6.0)	05/12/98	Zinc	16	89		
979EX026(6.0)	05/12/98	cis-1,2-Dichloroethene	0.0054	467	U	
979EX026(6.0)	05/12/98	trans-1,2-Dichloroethene	0.0054	1,027	U	
979EX026(6.0)	05/12/98	Trichloroethene	0.0054	1.3	U	
979EX026(6.0)	05/12/98	Vinyl Chloride	0.011	3.0	U	
979EX026(6.0)	05/12/98	Acetone	0.021	6,300	J-	
979EX026(6.0)	05/12/98	Bromodichloromethane	0.0054	1.89	U	
979EX026(6.0)	05/12/98	Bromoform	0.0054	168	U	
979EX026(6.0)	05/12/98	Bromomethane	0.011	20.4	U	
979EX026(6.0)	05/12/98	2-Butanone	0.022	21,300	U	
979EX026(6.0)	05/12/98	Carbon Disulfide	0.0054	22.5	UJ	
979EX026(6.0)	05/12/98	Carbon Tetrachloride	0.0054	0.69	U	
979EX026(6.0)	05/12/98	Chlorobenzene	0.0054	195	U	
979EX026(6.0)	05/12/98	Chloroethane	0.011	3,300	U	
979EX026(6.0)	05/12/98	Chloroform	0.0054	0.75	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 61 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX026(6.0)	05/12/98	Chloromethane	0.011	3.6	U	
979EX026(6.0)	05/12/98	Dibromochloromethane	0.0054	15.9	U	
979EX026(6.0)	05/12/98	1,2-Dichlorobenzene	0.0054	2,100	U	
979EX026(6.0)	05/12/98	1,3-Dichlorobenzene	0.0054	1,500	U	
979EX026(6.0)	05/12/98	1,4-Dichlorobenzene	0.0054	10.8	U	
979EX026(6.0)	05/12/98	1,1-Dichloroethane	0.0054	1,500	U	
979EX026(6.0)	05/12/98	1,2-Dichloroethane	0.0054	0.75	U	
979EX026(6.0)	05/12/98	1,1-Dichloroethene	0.0054	0.111	UJ	
979EX026(6.0)	05/12/98	1,2-Dichloropropane	0.0054	0.93	U	
979EX026(6.0)	05/12/98	1,3-Dichloropropene	0.011	0.75	U	
979EX026(6.0)	05/12/98	2-Hexanone	0.022	NA	U	
979EX026(6.0)	05/12/98	4-Methyl-2-Pentanone	0.022	2,310	U	
979EX026(6.0)	05/12/98	Methylene Chloride	0.0054	54	U	
979EX026(6.0)	05/12/98	Styrene	0.0054	2,040	U	
979EX026(6.0)	05/12/98	1,1,2,2-Tetrachloroethane	0.0054	1.35	U	
979EX026(6.0)	05/12/98	Tetrachloroethene	0.0054	15	U	
979EX026(6.0)	05/12/98	1,1,1-Trichloroethane	0.0054	3,600	U	
979EX026(6.0)	05/12/98	1,1,2-Trichloroethane	0.0054	1.95	U	
979EX026(6.0)	05/12/98	Trichlorofluoromethane	0.011	1,140	U	
979EX026(6.0)	05/12/98	Vinyl Acetate	0.011	2,340	U	
979EX026(6.0)	05/12/98	Gasoline	1.1	1,690	U	
979EX026(6.0)	05/12/98	Diesel	11	1,950	U	
979EX026(6.0)	05/12/98	Fuel Oil	54	2,730	U	
979EX026(6.0)	05/12/98	Benzene	0.0054	1.0	U	
979EX026(6.0)	05/12/98	Toluene	0.0054	14	UJ	
979EX026(6.0)	05/12/98	Ethylbenzene	0.0054	19	U	
979EX026(6.0)	05/12/98	Xylenes (Total)	0.0054	4,340	U	
979EX026(6.0)	05/12/98	Total Carcinogenic PAHs	0.169	253	U	
979EX026(6.0)	05/12/98	Benzo(a)anthracene	0.087	See Total	U	
979EX026(6.0)	05/12/98	Benzo(a)pyrene	0.022	9	U	
979EX026(6.0)	05/12/98	Benzo(b)fluoranthene	0.0087	See Total	U	
979EX026(6.0)	05/12/98	Benzo(k)fluoranthene	0.0087	See Total	U	
979EX026(6.0)	05/12/98	Chrysene	0.043	See Total	U	
979EX026(6.0)	05/12/98	4,4'-DDD	0.017	0.504	U	
979EX026(6.0)	05/12/98	4,4'-DDE	0.0022	0.514	U	
979EX026(6.0)	05/12/98	4,4'-DDT	0.0043	0.496	U	
979EX026(6.0)	05/12/98	Aldrin	0.0087	0.06	U	
979EX026(6.0)	05/12/98	Alpha-BHC	0.0087	0.16	U	
979EX026(6.0)	05/12/98	Beta-BHC	0.0087	0.58	U	
979EX026(6.0)	05/12/98	Chlordane	0.087	0.161	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 62 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX026(6.0)	05/12/98	Dieldrin	0.017	0.0469	U	
979EX026(6.0)	05/12/98	Endosulfan (Total)	0.026	908.7	U	
979EX026(6.0)	05/12/98	Endrin	0.017	46.6	U	
979EX026(6.0)	05/12/98	Gamma-BHC (Lindane)	0.0087	0.94	U	
979EX026(6.0)	05/12/98	Heptachlor	0.0087	0.18	U	
979EX026(6.0)	05/12/98	Heptachlor Epoxide	0.0087	0.11	U	
979EX026(6.0)	05/12/98	Methoxychlor	0.087	768.9	U	
979EX026(6.0)	05/12/98	Toxaphene	0.17	0.93	U	
979EX026(6.0)	05/12/98	PCBs (Total)	0.595	1.0	U	
979EX026(6.0)	05/12/98	Aroclor-1016	0.087	See Total	U	
979EX026(6.0)	05/12/98	Aroclor-1221	0.073	See Total	U	
979EX026(6.0)	05/12/98	Aroclor-1232	0.087	See Total	U	
979EX026(6.0)	05/12/98	Aroclor-1242	0.087	See Total	U	
979EX026(6.0)	05/12/98	Aroclor-1248	0.087	See Total	U	
979EX026(6.0)	05/12/98	Aroclor-1254	0.087	See Total	U	
979EX026(6.0)	05/12/98	Aroclor-1260	0.087	See Total	U	
979EX026(6.0)	05/12/98	Aluminum	3,200	179,410		
979EX026(6.0)	05/12/98	Antimony	3.3	5	U	
979EX026(6.0)	05/12/98	Arsenic	2.2	4.56	J	
979EX026(6.0)	05/12/98	Barium	7.9	500		
979EX026(6.0)	05/12/98	Beryllium	0.22	0.33	U	
979EX026(6.0)	05/12/98	Cadmium	0.54	3.99	U	
979EX026(6.0)	05/12/98	Chromium	320	1,300		
979EX026(6.0)	05/12/98	Cobalt	14	159		
979EX026(6.0)	05/12/98	Copper	5.9	88		
979EX026(6.0)	05/12/98	Lead	11	477	U	
979EX026(6.0)	05/12/98	Lithium	110	3,495	U	
979EX026(6.0)	05/12/98	Manganese	210	7,456		
979EX026(6.0)	05/12/98	Molybdenum	2.2	885.4	U	
979EX026(6.0)	05/12/98	Nickel	300	5,500		
979EX026(6.0)	05/12/98	Selenium	27	885.4	U	
979EX026(6.0)	05/12/98	Silver	1.1	2.0	U	
979EX026(6.0)	05/12/98	Strontium	110	107,180	U	
979EX026(6.0)	05/12/98	Thallium	5.4	14.21	U	
979EX026(6.0)	05/12/98	Tin	22	107,180	U	
979EX026(6.0)	05/12/98	Vanadium	18	76		
979EX026(6.0)	05/12/98	Zinc	14	89		
979EX027(6.0)	05/12/98	cis-1,2-Dichloroethene	0.0054	467	U	
979EX027(6.0)	05/12/98	trans-1,2-Dichloroethene	0.0054	1,027	U	
979EX027(6.0)	05/12/98	Trichloroethene	0.0054	1.3	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 63 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX027(6.0)	05/12/98	Vinyl Chloride	0.011	3.0	U	
979EX027(6.0)	05/12/98	Acetone	0.024	6,300	J-	
979EX027(6.0)	05/12/98	Bromodichloromethane	0.0054	1.89	U	
979EX027(6.0)	05/12/98	Bromoform	0.0054	168	U	
979EX027(6.0)	05/12/98	Bromomethane	0.011	20.4	U	
979EX027(6.0)	05/12/98	2-Butanone	0.022	21,300	U	
979EX027(6.0)	05/12/98	Carbon Disulfide	0.0054	22.5	UJ	
979EX027(6.0)	05/12/98	Carbon Tetrachloride	0.0054	0.69	U	
979EX027(6.0)	05/12/98	Chlorobenzene	0.0054	195	U	
979EX027(6.0)	05/12/98	Chloroethane	0.011	3,300	U	
979EX027(6.0)	05/12/98	Chloroform	0.0054	0.75	U	
979EX027(6.0)	05/12/98	Chloromethane	0.011	3.6	U	
979EX027(6.0)	05/12/98	Dibromochloromethane	0.0054	15.9	U	
979EX027(6.0)	05/12/98	1,2-Dichlorobenzene	0.0054	2,100	U	
979EX027(6.0)	05/12/98	1,3-Dichlorobenzene	0.0054	1,500	U	
979EX027(6.0)	05/12/98	1,4-Dichlorobenzene	0.0054	10.8	U	
979EX027(6.0)	05/12/98	1,1-Dichloroethane	0.0054	1,500	U	
979EX027(6.0)	05/12/98	1,2-Dichloroethane	0.0054	0.75	U	
979EX027(6.0)	05/12/98	1,1-Dichloroethene	0.0054	0.111	UJ	
979EX027(6.0)	05/12/98	1,2-Dichloropropane	0.0054	0.93	U	
979EX027(6.0)	05/12/98	1,3-Dichloropropene	0.011	0.75	U	
979EX027(6.0)	05/12/98	2-Hexanone	0.022	NA	U	
979EX027(6.0)	05/12/98	4-Methyl-2-Pentanone	0.022	2,310	U	
979EX027(6.0)	05/12/98	Methylene Chloride	0.0054	54	U	
979EX027(6.0)	05/12/98	Styrene	0.0054	2,040	U	
979EX027(6.0)	05/12/98	1,1,2,2-Tetrachloroethane	0.0054	1.35	U	
979EX027(6.0)	05/12/98	Tetrachloroethene	0.0054	15	U	
979EX027(6.0)	05/12/98	1,1,1-Trichloroethane	0.0054	3,600	U	
979EX027(6.0)	05/12/98	1,1,2-Trichloroethane	0.0054	1.95	U	
979EX027(6.0)	05/12/98	Trichlorofluoromethane	0.011	1,140	U	
979EX027(6.0)	05/12/98	Vinyl Acetate	0.011	2,340	U	
979EX027(6.0)	05/12/98	Gasoline	1.1	1,690	U	
979EX027(6.0)	05/12/98	Diesel	11	1,950	U	
979EX027(6.0)	05/12/98	Fuel Oil	54	2,730	U	
979EX027(6.0)	05/12/98	Benzene	0.0054	1.0	U	
979EX027(6.0)	05/12/98	Toluene	0.0054	14	UJ	
979EX027(6.0)	05/12/98	Ethylbenzene	0.0054	19	U	
979EX027(6.0)	05/12/98	Xylenes (Total)	0.0054	4,340	U	
979EX027(6.0)	05/12/98	Total Carcinogenic PAHs	0.168	253	U	
979EX027(6.0)	05/12/98	Benzo(a)anthracene	0.086	See Total	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 64 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX027(6.0)	05/12/98	Benzo(a)pyrene	0.022	9	U	
979EX027(6.0)	05/12/98	Benzo(b)fluoranthene	0.0086	See Total	U	
979EX027(6.0)	05/12/98	Benzo(k)fluoranthene	0.0086	See Total	U	
979EX027(6.0)	05/12/98	Chrysene	0.043	See Total	U	
979EX027(6.0)	05/12/98	4,4'-DDD	0.017	0.504	U	
979EX027(6.0)	05/12/98	4,4'-DDE	0.0022	0.514	U	
979EX027(6.0)	05/12/98	4,4'-DDT	0.0043	0.496	U	
979EX027(6.0)	05/12/98	Aldrin	0.0086	0.06	U	
979EX027(6.0)	05/12/98	Alpha-BHC	0.0086	0.16	U	
979EX027(6.0)	05/12/98	Beta-BHC	0.0086	0.58	U	
979EX027(6.0)	05/12/98	Chlordane	0.086	0.161	U	
979EX027(6.0)	05/12/98	Dieldrin	0.017	0.0469	U	
979EX027(6.0)	05/12/98	Endosulfan (Total)	0.026	908.7	U	
979EX027(6.0)	05/12/98	Endrin	0.017	46.6	U	
979EX027(6.0)	05/12/98	Gamma-BHC (Lindane)	0.0086	0.94	U	
979EX027(6.0)	05/12/98	Heptachlor	0.0086	0.18	U	
979EX027(6.0)	05/12/98	Heptachlor Epoxide	0.0086	0.11	U	
979EX027(6.0)	05/12/98	Methoxychlor	0.086	768.9	U	
979EX027(6.0)	05/12/98	Toxaphene	0.17	0.93	U	
979EX027(6.0)	05/12/98	PCBs (Total)	0.588	1.0	U	
979EX027(6.0)	05/12/98	Aroclor-1016	0.086	See Total	U	
979EX027(6.0)	05/12/98	Aroclor-1221	0.072	See Total	U	
979EX027(6.0)	05/12/98	Aroclor-1232	0.086	See Total	U	
979EX027(6.0)	05/12/98	Aroclor-1242	0.086	See Total	U	
979EX027(6.0)	05/12/98	Aroclor-1248	0.086	See Total	U	
979EX027(6.0)	05/12/98	Aroclor-1254	0.086	See Total	U	
979EX027(6.0)	05/12/98	Aroclor-1260	0.086	See Total	U	
979EX027(6.0)	05/12/98	Aluminum	3,000	179,410		
979EX027(6.0)	05/12/98	Antimony	3.2	5	U	
979EX027(6.0)	05/12/98	Arsenic	1.6	4.56	J	
979EX027(6.0)	05/12/98	Barium	7.5	500		
979EX027(6.0)	05/12/98	Beryllium	0.22	0.33	U	
979EX027(6.0)	05/12/98	Cadmium	0.54	3.99	U	
979EX027(6.0)	05/12/98	Chromium	400	1,300		
979EX027(6.0)	05/12/98	Cobalt	15	159		
979EX027(6.0)	05/12/98	Copper	5.1	88		
979EX027(6.0)	05/12/98	Lead	11	477	U	
979EX027(6.0)	05/12/98	Lithium	110	3,495	U	
979EX027(6.0)	05/12/98	Manganese	220	7,456		
979EX027(6.0)	05/12/98	Molybdenum	2.2	885.4	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 65 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX027(6.0)	05/12/98	Nickel	290	5,500		
979EX027(6.0)	05/12/98	Selenium	27	885.4	U	
979EX027(6.0)	05/12/98	Silver	1.1	2.0	U	
979EX027(6.0)	05/12/98	Strontium	110	107,180	U	
979EX027(6.0)	05/12/98	Thallium	5.4	14.21	U	
979EX027(6.0)	05/12/98	Tin	22	107,180	U	
979EX027(6.0)	05/12/98	Vanadium	20	76		
979EX027(6.0)	05/12/98	Zinc	14	89		
979EX028(6.0)	05/12/98	cis-1,2-Dichloroethene	0.0055	467	U	
979EX028(6.0)	05/12/98	trans-1,2-Dichloroethene	0.0055	1,027	U	
979EX028(6.0)	05/12/98	Trichloroethene	0.0055	1.3	U	
979EX028(6.0)	05/12/98	Vinyl Chloride	0.011	3.0	U	
979EX028(6.0)	05/12/98	Acetone	0.024	6,300	J-	
979EX028(6.0)	05/12/98	Bromodichloromethane	0.0055	1.89	U	
979EX028(6.0)	05/12/98	Bromoform	0.0055	168	U	
979EX028(6.0)	05/12/98	Bromomethane	0.011	20.4	U	
979EX028(6.0)	05/12/98	2-Butanone	0.022	21,300	U	
979EX028(6.0)	05/12/98	Carbon Disulfide	0.0055	22.5	UJ	
979EX028(6.0)	05/12/98	Carbon Tetrachloride	0.0055	0.69	U	
979EX028(6.0)	05/12/98	Chlorobenzene	0.0055	195	U	
979EX028(6.0)	05/12/98	Chloroethane	0.011	3,300	U	
979EX028(6.0)	05/12/98	Chloroform	0.0055	0.75	U	
979EX028(6.0)	05/12/98	Chloromethane	0.011	3.6	U	
979EX028(6.0)	05/12/98	Dibromochloromethane	0.0055	15.9	U	
979EX028(6.0)	05/12/98	1,2-Dichlorobenzene	0.0055	2,100	U	
979EX028(6.0)	05/12/98	1,3-Dichlorobenzene	0.0055	1,500	U	
979EX028(6.0)	05/12/98	1,4-Dichlorobenzene	0.0055	10.8	U	
979EX028(6.0)	05/12/98	1,1-Dichloroethane	0.0055	1,500	U	
979EX028(6.0)	05/12/98	1,2-Dichloroethane	0.0055	0.75	U	
979EX028(6.0)	05/12/98	1,1-Dichloroethene	0.0055	0.111	UJ	
979EX028(6.0)	05/12/98	1,2-Dichloropropane	0.0055	0.93	U	
979EX028(6.0)	05/12/98	1,3-Dichloropropene	0.011	0.75	U	
979EX028(6.0)	05/12/98	2-Hexanone	0.022	NA	U	
979EX028(6.0)	05/12/98	4-Methyl-2-Pentanone	0.022	2,310	U	
979EX028(6.0)	05/12/98	Methylene Chloride	0.0055	54	U	
979EX028(6.0)	05/12/98	Styrene	0.0055	2,040	U	
979EX028(6.0)	05/12/98	1,1,2,2-Tetrachloroethane	0.0055	1.35	U	
979EX028(6.0)	05/12/98	Tetrachloroethene	0.0055	15	U	
979EX028(6.0)	05/12/98	1,1,1-Trichloroethane	0.0055	3,600	U	
979EX028(6.0)	05/12/98	1,1,2-Trichloroethane	0.0055	1.95	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 66 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX028(6.0)	05/12/98	Trichlorofluoromethane	0.011	1,140	U	
979EX028(6.0)	05/12/98	Vinyl Acetate	0.011	2,340	U	
979EX028(6.0)	05/12/98	Gasoline	0.55	1,690	U	
979EX028(6.0)	05/12/98	Diesel	11	1,950	U	
979EX028(6.0)	05/12/98	Fuel Oil	11	2,730	U	
979EX028(6.0)	05/12/98	Benzene	0.0055	1.0	U	
979EX028(6.0)	05/12/98	Toluene	0.0055	14	UJ	
979EX028(6.0)	05/12/98	Ethylbenzene	0.0055	19	U	
979EX028(6.0)	05/12/98	Xylenes (Total)	0.0055	4,340	U	
979EX028(6.0)	05/12/98	Total Carcinogenic PAHs	0.170	253	U	
979EX028(6.0)	05/12/98	Benzo(a)anthracene	0.087	See Total	U	
979EX028(6.0)	05/12/98	Benzo(a)pyrene	0.022	9	U	
979EX028(6.0)	05/12/98	Benzo(b)fluoranthene	0.0087	See Total	U	
979EX028(6.0)	05/12/98	Benzo(k)fluoranthene	0.0087	See Total	U	
979EX028(6.0)	05/12/98	Chrysene	0.044	See Total	U	
979EX028(6.0)	05/12/98	4,4'-DDD	0.017	0.504	U	
979EX028(6.0)	05/12/98	4,4'-DDE	0.0022	0.514	U	
979EX028(6.0)	05/12/98	4,4'-DDT	0.0044	0.496	U	
979EX028(6.0)	05/12/98	Aldrin	0.0087	0.06	U	
979EX028(6.0)	05/12/98	Alpha-BHC	0.0087	0.16	U	
979EX028(6.0)	05/12/98	Beta-BHC	0.0087	0.58	U	
979EX028(6.0)	05/12/98	Chlordane	0.087	0.161	U	
979EX028(6.0)	05/12/98	Dieldrin	0.017	0.0469	U	
979EX028(6.0)	05/12/98	Endosulfan (Total)	0.026	908.7	U	
979EX028(6.0)	05/12/98	Endrin	0.017	46.6	U	
979EX028(6.0)	05/12/98	Gamma-BHC (Lindane)	0.0087	0.94	U	
979EX028(6.0)	05/12/98	Heptachlor	0.0087	0.18	U	
979EX028(6.0)	05/12/98	Heptachlor Epoxide	0.0087	0.11	U	
979EX028(6.0)	05/12/98	Methoxychlor	0.087	768.9	U	
979EX028(6.0)	05/12/98	Toxaphene	0.17	0.93	U	
979EX028(6.0)	05/12/98	PCBs (Total)	0.595	1.0	U	
979EX028(6.0)	05/12/98	Aroclor-1016	0.087	See Total	U	
979EX028(6.0)	05/12/98	Aroclor-1221	0.073	See Total	U	
979EX028(6.0)	05/12/98	Aroclor-1232	0.087	See Total	U	
979EX028(6.0)	05/12/98	Aroclor-1242	0.087	See Total	U	
979EX028(6.0)	05/12/98	Aroclor-1248	0.087	See Total	U	
979EX028(6.0)	05/12/98	Aroclor-1254	0.087	See Total	U	
979EX028(6.0)	05/12/98	Aroclor-1260	0.087	See Total	U	
979EX028(6.0)	05/12/98	Aluminum	3,700	179,410		
979EX028(6.0)	05/12/98	Antimony	3.3	5	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 67 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX028(6.0)	05/12/98	Arsenic	2.7	4.56	UJ	
979EX028(6.0)	05/12/98	Barium	15	500		
979EX028(6.0)	05/12/98	Beryllium	0.22	0.33	U	
979EX028(6.0)	05/12/98	Cadmium	0.55	3.99	U	
979EX028(6.0)	05/12/98	Chromium	570	1,300		
979EX028(6.0)	05/12/98	Cobalt	39	159		
979EX028(6.0)	05/12/98	Copper	12	88		
979EX028(6.0)	05/12/98	Lead	11	477	U	
979EX028(6.0)	05/12/98	Lithium	110	3,495	U	
979EX028(6.0)	05/12/98	Manganese	490	7,456		
979EX028(6.0)	05/12/98	Molybdenum	2.2	885.4	U	
979EX028(6.0)	05/12/98	Nickel	960	5,500		
979EX028(6.0)	05/12/98	Selenium	27	885.4	U	
979EX028(6.0)	05/12/98	Silver	1.1	2.0	U	
979EX028(6.0)	05/12/98	Strontium	110	107,180	U	
979EX028(6.0)	05/12/98	Thallium	5.5	14.21	U	
979EX028(6.0)	05/12/98	Tin	22	107,180	U	
979EX028(6.0)	05/12/98	Vanadium	21	76		
979EX028(6.0)	05/12/98	Zinc	23	89		
979EX029(7.0)	05/12/98	cis-1,2-Dichloroethene	0.0057	467	U	
979EX029(7.0)	05/12/98	trans-1,2-Dichloroethene	0.0057	1,027	U	
979EX029(7.0)	05/12/98	Trichloroethene	0.0057	1.3	U	
979EX029(7.0)	05/12/98	Vinyl Chloride	0.011	3.0	U	
979EX029(7.0)	05/12/98	Acetone	0.025	6,300	J-	
979EX029(7.0)	05/12/98	Bromodichloromethane	0.0057	1.89	U	
979EX029(7.0)	05/12/98	Bromoform	0.0057	168	U	
979EX029(7.0)	05/12/98	Bromomethane	0.011	20.4	U	
979EX029(7.0)	05/12/98	2-Butanone	0.023	21,300	U	
979EX029(7.0)	05/12/98	Carbon Disulfide	0.0057	22.5	U	
979EX029(7.0)	05/12/98	Carbon Tetrachloride	0.0057	0.69	U	
979EX029(7.0)	05/12/98	Chlorobenzene	0.0057	195	U	
979EX029(7.0)	05/12/98	Chloroethane	0.011	3,300	U	
979EX029(7.0)	05/12/98	Chloroform	0.0057	0.75	U	
979EX029(7.0)	05/12/98	Chloromethane	0.011	3.6	UJ	
979EX029(7.0)	05/12/98	Dibromochloromethane	0.0057	15.9	U	
979EX029(7.0)	05/12/98	1,2-Dichlorobenzene	0.0057	2,100	U	
979EX029(7.0)	05/12/98	1,3-Dichlorobenzene	0.0057	1,500	U	
979EX029(7.0)	05/12/98	1,4-Dichlorobenzene	0.0057	10.8	U	
979EX029(7.0)	05/12/98	1,1-Dichloroethane	0.0057	1,500	U	
979EX029(7.0)	05/12/98	1,2-Dichloroethane	0.0057	0.75	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 68 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX029(7.0)	05/12/98	1,1-Dichloroethene	0.0057	0.111	UJ	
979EX029(7.0)	05/12/98	1,2-Dichloropropane	0.0057	0.93	U	
979EX029(7.0)	05/12/98	1,3-Dichloropropene	0.011	0.75	U	
979EX029(7.0)	05/12/98	2-Hexanone	0.023	NA	UJ	
979EX029(7.0)	05/12/98	4-Methyl-2-Pentanone	0.023	2,310	U	
979EX029(7.0)	05/12/98	Methylene Chloride	0.0057	54	U	
979EX029(7.0)	05/12/98	Styrene	0.0057	2,040	U	
979EX029(7.0)	05/12/98	1,1,2,2-Tetrachloroethane	0.0057	1.35	U	
979EX029(7.0)	05/12/98	Tetrachloroethene	0.0057	15	U	
979EX029(7.0)	05/12/98	1,1,1-Trichloroethane	0.0057	3,600	U	
979EX029(7.0)	05/12/98	1,1,2-Trichloroethane	0.0057	1.95	U	
979EX029(7.0)	05/12/98	Trichlorofluoromethane	0.011	1,140	U	
979EX029(7.0)	05/12/98	Vinyl Acetate	0.011	2,340	U	
979EX029(7.0)	05/12/98	Gasoline	0.57	1,690	U	
979EX029(7.0)	05/12/98	Diesel	11	1,950	U	
979EX029(7.0)	05/12/98	Fuel Oil	11	2,730	U	
979EX029(7.0)	05/12/98	Benzene	0.0057	1.0	U	
979EX029(7.0)	05/12/98	Toluene	0.0057	14	UJ	
979EX029(7.0)	05/12/98	Ethylbenzene	0.0057	19	U	
979EX029(7.0)	05/12/98	Xylenes (Total)	0.0057	4,340	U	
979EX029(7.0)	05/12/98	Total Carcinogenic PAHs	0.179	253	U	
979EX029(7.0)	05/12/98	Benzo(a)anthracene	0.092	See Total	U	
979EX029(7.0)	05/12/98	Benzo(a)pyrene	0.023	9	U	
979EX029(7.0)	05/12/98	Benzo(b)fluoranthene	0.0092	See Total	U	
979EX029(7.0)	05/12/98	Benzo(k)fluoranthene	0.0092	See Total	U	
979EX029(7.0)	05/12/98	Chrysene	0.046	See Total	U	
979EX029(7.0)	05/12/98	4,4'-DDD	0.018	0.504	U	
979EX029(7.0)	05/12/98	4,4'-DDE	0.0023	0.514	U	
979EX029(7.0)	05/12/98	4,4'-DDT	0.0046	0.496	U	
979EX029(7.0)	05/12/98	Aldrin	0.0092	0.06	U	
979EX029(7.0)	05/12/98	Alpha-BHC	0.0092	0.16	U	
979EX029(7.0)	05/12/98	Beta-BHC	0.0092	0.58	U	
979EX029(7.0)	05/12/98	Chlordane	0.092	0.161	U	
979EX029(7.0)	05/12/98	Dieldrin	0.018	0.0469	U	
979EX029(7.0)	05/12/98	Endosulfan (Total)	0.027	908.7	U	
979EX029(7.0)	05/12/98	Endrin	0.018	46.6	U	
979EX029(7.0)	05/12/98	Gamma-BHC (Lindane)	0.0092	0.94	U	
979EX029(7.0)	05/12/98	Heptachlor	0.0092	0.18	U	
979EX029(7.0)	05/12/98	Heptachlor Epoxide	0.0092	0.11	U	
979EX029(7.0)	05/12/98	Methoxychlor	0.092	768.9	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 69 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX029(7.0)	05/12/98	Toxaphene	0.18	0.93	U	
979EX029(7.0)	05/12/98	PCBs (Total)	0.629	1.0	U	
979EX029(7.0)	05/12/98	Aroclor-1016	0.092	See Total	U	
979EX029(7.0)	05/12/98	Aroclor-1221	0.077	See Total	U	
979EX029(7.0)	05/12/98	Aroclor-1232	0.092	See Total	U	
979EX029(7.0)	05/12/98	Aroclor-1242	0.092	See Total	U	
979EX029(7.0)	05/12/98	Aroclor-1248	0.092	See Total	U	
979EX029(7.0)	05/12/98	Aroclor-1254	0.092	See Total	U	
979EX029(7.0)	05/12/98	Aroclor-1260	0.092	See Total	U	
979EX029(7.0)	05/12/98	Aluminum	3,200	179,410		
979EX029(7.0)	05/12/98	Antimony	3.4	5	U	
979EX029(7.0)	05/12/98	Arsenic	1.9	4.56	J	
979EX029(7.0)	05/12/98	Barium	7.6	500		
979EX029(7.0)	05/12/98	Beryllium	0.23	0.33	U	
979EX029(7.0)	05/12/98	Cadmium	0.57	3.99	U	
979EX029(7.0)	05/12/98	Chromium	410	1,300		
979EX029(7.0)	05/12/98	Cobalt	25.5	159		
979EX029(7.0)	05/12/98	Copper	6.4	88		
979EX029(7.0)	05/12/98	Lead	11	477	U	
979EX029(7.0)	05/12/98	Lithium	110	3,495	U	
979EX029(7.0)	05/12/98	Manganese	280	7,456		
979EX029(7.0)	05/12/98	Molybdenum	2.3	885.4	U	
979EX029(7.0)	05/12/98	Nickel	540	5,500		
979EX029(7.0)	05/12/98	Selenium	29	885.4	U	
979EX029(7.0)	05/12/98	Silver	1.1	2.0	U	
979EX029(7.0)	05/12/98	Strontium	110	107,180	U	
979EX029(7.0)	05/12/98	Thallium	5.7	14.21	U	
979EX029(7.0)	05/12/98	Tin	23	107,180	U	
979EX029(7.0)	05/12/98	Vanadium	20	76		
979EX029(7.0)	05/12/98	Zinc	16	89		
979EX045(6.0)	10/07/98	cis-1,2-Dichloroethene	0.0052	467	U	
979EX045(6.0)	10/07/98	trans-1,2-Dichloroethene	0.0052	1,027	U	
979EX045(6.0)	10/07/98	Trichloroethene	0.0052	1.3	U	
979EX045(6.0)	10/07/98	Vinyl Chloride	0.01	3.0	U	
979EX045(6.0)	10/07/98	Acetone	0.021	6,300	U	
979EX045(6.0)	10/07/98	Bromodichloromethane	0.0052	1.89	U	
979EX045(6.0)	10/07/98	Bromoform	0.0052	168	U	
979EX045(6.0)	10/07/98	Bromomethane	0.01	20.4	U	
979EX045(6.0)	10/07/98	2-Butanone	0.021	21,300	U	
979EX045(6.0)	10/07/98	Carbon Disulfide	0.0052	22.5	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 70 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX045(6.0)	10/07/98	Carbon Tetrachloride	0.0052	0.69	UJ	
979EX045(6.0)	10/07/98	Chlorobenzene	0.0052	195	U	
979EX045(6.0)	10/07/98	Chloroethane	0.01	3,300	U	
979EX045(6.0)	10/07/98	Chloroform	0.0052	0.75	U	
979EX045(6.0)	10/07/98	Chloromethane	0.01	3.6	U	
979EX045(6.0)	10/07/98	Dibromochloromethane	0.0052	15.9	U	
979EX045(6.0)	10/07/98	1,2-Dichlorobenzene	0.0052	2,100	U	
979EX045(6.0)	10/07/98	1,3-Dichlorobenzene	0.0052	1,500	U	
979EX045(6.0)	10/07/98	1,4-Dichlorobenzene	0.0052	10.8	U	
979EX045(6.0)	10/07/98	1,1-Dichloroethane	0.0052	1,500	U	
979EX045(6.0)	10/07/98	1,2-Dichloroethane	0.0052	0.75	U	
979EX045(6.0)	10/07/98	1,1-Dichloroethene	0.0052	0.111	U	
979EX045(6.0)	10/07/98	1,2-Dichloropropane	0.0052	0.93	U	
979EX045(6.0)	10/07/98	1,3-Dichloropropene	0.010	0.75	U	
979EX045(6.0)	10/07/98	2-Hexanone	0.021	NA	U	
979EX045(6.0)	10/07/98	4-Methyl-2-Pentanone	0.021	2,310	U	
979EX045(6.0)	10/07/98	Methylene Chloride	0.0052	54	U	
979EX045(6.0)	10/07/98	Styrene	0.0052	2,040	U	
979EX045(6.0)	10/07/98	1,1,2,2-Tetrachloroethane	0.0052	1.35	U	
979EX045(6.0)	10/07/98	Tetrachloroethene	0.0052	15	U	
979EX045(6.0)	10/07/98	1,1,1-Trichloroethane	0.0052	3,600	U	
979EX045(6.0)	10/07/98	1,1,2-Trichloroethane	0.0052	1.95	U	
979EX045(6.0)	10/07/98	Trichlorofluoromethane	0.01	1,140	U	
979EX045(6.0)	10/07/98	Vinyl Acetate	0.01	2,340	U	
979EX045(6.0)	10/07/98	Gasoline	1	1,690	U	
979EX045(6.0)	10/07/98	Diesel	10	1,950	U	
979EX045(6.0)	10/07/98	Fuel Oil	10	2,730	U	
979EX045(6.0)	10/07/98	Benzene	0.0052	1.0	U	
979EX045(6.0)	10/07/98	Toluene	0.0052	14	U	
979EX045(6.0)	10/07/98	Ethylbenzene	0.0052	19	U	
979EX045(6.0)	10/07/98	Xylenes (Total)	0.0052	4,340	U	
979EX045(6.0)	10/07/98	Total Carcinogenic PAHs	0.163	253	U	
979EX045(6.0)	10/07/98	Benzo(a)anthracene	0.083	See Total	U	
979EX045(6.0)	10/07/98	Benzo(a)pyrene	0.021	9	U	
979EX045(6.0)	10/07/98	Benzo(b)fluoranthene	0.0083	See Total	U	
979EX045(6.0)	10/07/98	Benzo(k)fluoranthene	0.0083	See Total	U	
979EX045(6.0)	10/07/98	Chrysene	0.042	See Total	U	
979EX045(6.0)	10/07/98	4,4'-DDD	0.017	0.504	U	
979EX045(6.0)	10/07/98	4,4'-DDE	0.0021	0.514	U	
979EX045(6.0)	10/07/98	4,4'-DDT	0.0042	0.496	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 71 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX045(6.0)	10/07/98	Aldrin	0.0083	0.06	U	
979EX045(6.0)	10/07/98	Alpha-BHC	0.0083	0.16	U	
979EX045(6.0)	10/07/98	Beta-BHC	0.0083	0.58	U	
979EX045(6.0)	10/07/98	Chlordane	0.083	0.161	U	
979EX045(6.0)	10/07/98	Dieldrin	0.017	0.0469	U	
979EX045(6.0)	10/07/98	Endosulfan (Total)	0.025	908.7	U	
979EX045(6.0)	10/07/98	Endrin	0.017	46.6	U	
979EX045(6.0)	10/07/98	Gamma-BHC (Lindane)	0.0083	0.94	U	
979EX045(6.0)	10/07/98	Heptachlor	0.0083	0.18	U	
979EX045(6.0)	10/07/98	Heptachlor Epoxide	0.0083	0.11	U	
979EX045(6.0)	10/07/98	Methoxychlor	0.083	768.9	U	
979EX045(6.0)	10/07/98	Toxaphene	0.17	0.93	U	
979EX045(6.0)	10/07/98	PCBs (Total)	0.274	1.0	U	
979EX045(6.0)	10/07/98	Aroclor-1016	0.034	See Total	U	
979EX045(6.0)	10/07/98	Aroclor-1221	0.07	See Total	U	
979EX045(6.0)	10/07/98	Aroclor-1232	0.034	See Total	U	
979EX045(6.0)	10/07/98	Aroclor-1242	0.034	See Total	U	
979EX045(6.0)	10/07/98	Aroclor-1248	0.034	See Total	U	
979EX045(6.0)	10/07/98	Aroclor-1254	0.034	See Total	U	
979EX045(6.0)	10/07/98	Aroclor-1260	0.034	See Total	U	
979EX045(6.0)	10/07/98	Aluminum	3,100	179,410		
979EX045(6.0)	10/07/98	Antimony	3.1	5	U	
979EX045(6.0)	10/07/98	Arsenic	3	4.56		
979EX045(6.0)	10/07/98	Barium	9.6	500		
979EX045(6.0)	10/07/98	Beryllium	0.21	0.33	U	
979EX045(6.0)	10/07/98	Cadmium	0.52	3.99	U	
979EX045(6.0)	10/07/98	Chromium	540	1,300		
979EX045(6.0)	10/07/98	Cobalt	24	159		
979EX045(6.0)	10/07/98	Copper	8.8	88		
979EX045(6.0)	10/07/98	Lead	10	477	U	
979EX045(6.0)	10/07/98	Lithium	52	3,495	U	
979EX045(6.0)	10/07/98	Manganese	320	7,456		
979EX045(6.0)	10/07/98	Mercury	0.26	2.79	U	
979EX045(6.0)	10/07/98	Molybdenum	2.1	885.4	U	
979EX045(6.0)	10/07/98	Nickel	590	5,500		
979EX045(6.0)	10/07/98	Selenium	26	885.4	U	
979EX045(6.0)	10/07/98	Silver	1	2.0	U	
979EX045(6.0)	10/07/98	Strontium	52	107,180	U	
979EX045(6.0)	10/07/98	Thallium	5.2	14.21	U	
979EX045(6.0)	10/07/98	Tin	10	107,180	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 72 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX045(6.0)	10/07/98	Vanadium	20	76		
979EX045(6.0)	10/07/98	Zinc	16	89		
979EX046(6.0)	10/07/98	cis-1,2-Dichloroethene	0.0051	467	U	
979EX046(6.0)	10/07/98	trans-1,2-Dichloroethene	0.0051	1,027	U	
979EX046(6.0)	10/07/98	Trichloroethene	0.0051	1.3	U	
979EX046(6.0)	10/07/98	Vinyl Chloride	0.01	3.0	U	
979EX046(6.0)	10/07/98	Acetone	0.02	6,300	U	
979EX046(6.0)	10/07/98	Bromodichloromethane	0.0051	1.89	U	
979EX046(6.0)	10/07/98	Bromoform	0.0051	168	U	
979EX046(6.0)	10/07/98	Bromomethane	0.01	20.4	U	
979EX046(6.0)	10/07/98	2-Butanone	0.02	21,300	U	
979EX046(6.0)	10/07/98	Carbon Disulfide	0.0051	22.5	U	
979EX046(6.0)	10/07/98	Carbon Tetrachloride	0.0051	0.69	UJ	
979EX046(6.0)	10/07/98	Chlorobenzene	0.0051	195	U	
979EX046(6.0)	10/07/98	Chloroethane	0.01	3,300	U	
979EX046(6.0)	10/07/98	Chloroform	0.0051	0.75	U	
979EX046(6.0)	10/07/98	Chloromethane	0.01	3.6	U	
979EX046(6.0)	10/07/98	Dibromochloromethane	0.0051	15.9	U	
979EX046(6.0)	10/07/98	1,2-Dichlorobenzene	0.0051	2,100	U	
979EX046(6.0)	10/07/98	1,3-Dichlorobenzene	0.0051	1,500	U	
979EX046(6.0)	10/07/98	1,4-Dichlorobenzene	0.0051	10.8	U	
979EX046(6.0)	10/07/98	1,1-Dichloroethane	0.0051	1,500	U	
979EX046(6.0)	10/07/98	1,2-Dichloroethane	0.0051	0.75	U	
979EX046(6.0)	10/07/98	1,1-Dichloroethene	0.0051	0.111	U	
979EX046(6.0)	10/07/98	1,2-Dichloropropane	0.0051	0.93	U	
979EX046(6.0)	10/07/98	1,3-Dichloropropene	0.010	0.75	U	
979EX046(6.0)	10/07/98	2-Hexanone	0.02	NA	U	
979EX046(6.0)	10/07/98	4-Methyl-2-Pentanone	0.02	2,310	U	
979EX046(6.0)	10/07/98	Methylene Chloride	0.0051	54	U	
979EX046(6.0)	10/07/98	Styrene	0.0051	2,040	U	
979EX046(6.0)	10/07/98	1,1,2,2-Tetrachloroethane	0.0051	1.35	U	
979EX046(6.0)	10/07/98	Tetrachloroethene	0.0051	15	U	
979EX046(6.0)	10/07/98	1,1,1-Trichloroethane	0.0051	3,600	U	
979EX046(6.0)	10/07/98	1,1,2-Trichloroethane	0.0051	1.95	U	
979EX046(6.0)	10/07/98	Trichlorofluoromethane	0.01	1,140	U	
979EX046(6.0)	10/07/98	Vinyl Acetate	0.01	2,340	U	
979EX046(6.0)	10/07/98	Gasoline	1	1,690	U	
979EX046(6.0)	10/07/98	Diesel	10	1,950	U	
979EX046(6.0)	10/07/98	Fuel Oil	10	2,730	U	
979EX046(6.0)	10/07/98	Benzene	0.0051	1.0	U	

Footnotes at end of table.
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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 73 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX046(6.0)	10/07/98	Toluene	0.0051	14	U	
979EX046(6.0)	10/07/98	Ethylbenzene	0.0051	19	U	
979EX046(6.0)	10/07/98	Xylenes (Total)	0.0051	4,340	U	
979EX046(6.0)	10/07/98	Total Carcinogenic PAHs	0.158	253	U	
979EX046(6.0)	10/07/98	Benzo(a)anthracene	0.081	See Total	U	
979EX046(6.0)	10/07/98	Benzo(a)pyrene	0.02	9	U	
979EX046(6.0)	10/07/98	Benzo(b)fluoranthene	0.0081	See Total	U	
979EX046(6.0)	10/07/98	Benzo(k)fluoranthene	0.0081	See Total	U	
979EX046(6.0)	10/07/98	Chrysene	0.041	See Total	U	
979EX046(6.0)	10/07/98	4,4'-DDD	0.016	0.504	U	
979EX046(6.0)	10/07/98	4,4'-DDE	0.002	0.514	U	
979EX046(6.0)	10/07/98	4,4'-DDT	0.0041	0.496	U	
979EX046(6.0)	10/07/98	Aldrin	0.0081	0.06	U	
979EX046(6.0)	10/07/98	Alpha-BHC	0.0081	0.16	U	
979EX046(6.0)	10/07/98	Beta-BHC	0.0081	0.58	U	
979EX046(6.0)	10/07/98	Chlordane	0.081	0.161	U	
979EX046(6.0)	10/07/98	Dieldrin	0.016	0.0469	U	
979EX046(6.0)	10/07/98	Endosulfan (Total)	0.024	908.7	U	
979EX046(6.0)	10/07/98	Endrin	0.016	46.6	U	
979EX046(6.0)	10/07/98	Gamma-BHC (Lindane)	0.0081	0.94	U	
979EX046(6.0)	10/07/98	Heptachlor	0.0081	0.18	U	
979EX046(6.0)	10/07/98	Heptachlor Epoxide	0.0081	0.11	U	
979EX046(6.0)	10/07/98	Methoxychlor	0.081	768.9	U	
979EX046(6.0)	10/07/98	Toxaphene	0.16	0.93	U	
979EX046(6.0)	10/07/98	PCBs (Total)	0.272	1.0	U	
979EX046(6.0)	10/07/98	Aroclor-1016	0.034	See Total	U	
979EX046(6.0)	10/07/98	Aroclor-1221	0.068	See Total	U	
979EX046(6.0)	10/07/98	Aroclor-1232	0.034	See Total	U	
979EX046(6.0)	10/07/98	Aroclor-1242	0.034	See Total	U	
979EX046(6.0)	10/07/98	Aroclor-1248	0.034	See Total	U	
979EX046(6.0)	10/07/98	Aroclor-1254	0.034	See Total	U	
979EX046(6.0)	10/07/98	Aroclor-1260	0.034	See Total	U	
979EX046(6.0)	10/07/98	Aluminum	3,600	179,410		
979EX046(6.0)	10/07/98	Antimony	3	5	U	
979EX046(6.0)	10/07/98	Arsenic	3.5	4.56		
979EX046(6.0)	10/07/98	Barium	19	500		
979EX046(6.0)	10/07/98	Beryllium	0.2	0.33	U	
979EX046(6.0)	10/07/98	Cadmium	0.51	3.99	U	
979EX046(6.0)	10/07/98	Chromium	240	1,300		
979EX046(6.0)	10/07/98	Cobalt	13	159		

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 74 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX046(6.0)	10/07/98	Copper	5.3	88		
979EX046(6.0)	10/07/98	Lead	10	477	U	
979EX046(6.0)	10/07/98	Lithium	51	3,495	U	
979EX046(6.0)	10/07/98	Manganese	200	7,456		
979EX046(6.0)	10/07/98	Mercury	0.25	2.79	U	
979EX046(6.0)	10/07/98	Molybdenum	2	885.4	U	
979EX046(6.0)	10/07/98	Nickel	220	5,500		
979EX046(6.0)	10/07/98	Selenium	25	885.4	U	
979EX046(6.0)	10/07/98	Silver	1	2.0	U	
979EX046(6.0)	10/07/98	Strontium	51	107,180	U	
979EX046(6.0)	10/07/98	Thallium	5.1	14.21	U	
979EX046(6.0)	10/07/98	Tin	10	107,180	U	
979EX046(6.0)	10/07/98	Vanadium	21	76		
979EX046(6.0)	10/07/98	Zinc	16	89		
Test Pit 6						
979EX016(5.0)	05/11/98	cis-1,2-Dichloroethene	0.0054	467	U	
979EX016(5.0)	05/11/98	trans-1,2-Dichloroethene	0.0054	1,027	U	
979EX016(5.0)	05/11/98	Trichloroethene	0.0054	1.3	UJ	
979EX016(5.0)	05/11/98	Vinyl Chloride	0.011	3.0	UJ	
979EX016(5.0)	05/11/98	Acetone	0.019	6,300	J-	
979EX016(5.0)	05/11/98	Bromodichloromethane	0.0054	1.89	UJ	
979EX016(5.0)	05/11/98	Bromoform	0.0054	168	UJ	
979EX016(5.0)	05/11/98	Bromomethane	0.011	20.4	UJ	
979EX016(5.0)	05/11/98	2-Butanone	0.021	21,300	UJ	
979EX016(5.0)	05/11/98	Carbon Disulfide	0.0054	22.5	UJ	
979EX016(5.0)	05/11/98	Carbon Tetrachloride	0.0054	0.69	UJ	
979EX016(5.0)	05/11/98	Chlorobenzene	0.0054	195	UJ	
979EX016(5.0)	05/11/98	Chloroethane	0.011	3,300	UJ	
979EX016(5.0)	05/11/98	Chloroform	0.0054	0.75	UJ	
979EX016(5.0)	05/11/98	Chloromethane	0.011	3.6	UJ	
979EX016(5.0)	05/11/98	Dibromochloromethane	0.0054	15.9	UJ	
979EX016(5.0)	05/11/98	1,2-Dichlorobenzene	0.0054	2,100	UJ	
979EX016(5.0)	05/11/98	1,3-Dichlorobenzene	0.0054	1,500	UJ	
979EX016(5.0)	05/11/98	1,4-Dichlorobenzene	0.0054	10.8	UJ	
979EX016(5.0)	05/11/98	1,1-Dichloroethane	0.0054	1,500	UJ	
979EX016(5.0)	05/11/98	1,2-Dichloroethane	0.0054	0.75	UJ	
979EX016(5.0)	05/11/98	1,1-Dichloroethene	0.0054	0.111	UJ	
979EX016(5.0)	05/11/98	1,2-Dichloropropane	0.0054	0.93	UJ	
979EX016(5.0)	05/11/98	1,3-Dichloropropene	0.011	0.75	UJ	
979EX016(5.0)	05/11/98	2-Hexanone	0.021	NA	UJ	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 75 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX016(5.0)	05/11/98	4-Methyl-2-Pentanone	0.021	2,310	UJ	
979EX016(5.0)	05/11/98	Methylene Chloride	0.003	54	J-	
979EX016(5.0)	05/11/98	Styrene	0.0054	2,040	UJ	
979EX016(5.0)	05/11/98	1,1,2,2-Tetrachloroethane	0.0054	1.35	UJ	
979EX016(5.0)	05/11/98	Tetrachloroethene	0.0054	15	UJ	
979EX016(5.0)	05/11/98	1,1,1-Trichloroethane	0.0054	3,600	UJ	
979EX016(5.0)	05/11/98	1,1,2-Trichloroethane	0.0054	1.95	UJ	
979EX016(5.0)	05/11/98	Trichlorofluoromethane	0.011	1,140	UJ	
979EX016(5.0)	05/11/98	Vinyl Acetate	0.011	2,340	UJ	
979EX016(5.0)	05/11/98	Gasoline	1.1	1,690	U	
979EX016(5.0)	05/11/98	Diesel	11	1,950	U	
979EX016(5.0)	05/11/98	Fuel Oil	54	2,730	U	
979EX016(5.0)	05/11/98	Benzene	0.0054	1.0	UJ	
979EX016(5.0)	05/11/98	Toluene	0.0054	14	UJ	
979EX016(5.0)	05/11/98	Ethylbenzene	0.0054	19	UJ	
979EX016(5.0)	05/11/98	Xylenes (Total)	0.0054	4,340	UJ	
979EX016(5.0)	05/11/98	Total Carcinogenic PAHs	0.167	253	U	
979EX016(5.0)	05/11/98	Benzo(a)anthracene	0.086	See Total	U	
979EX016(5.0)	05/11/98	Benzo(a)pyrene	0.021	9	U	
979EX016(5.0)	05/11/98	Benzo(b)fluoranthene	0.0086	See Total	U	
979EX016(5.0)	05/11/98	Benzo(k)fluoranthene	0.0086	See Total	U	
979EX016(5.0)	05/11/98	Chrysene	0.043	See Total	U	
979EX016(5.0)	05/11/98	4,4'-DDD	0.017	0.504	U	
979EX016(5.0)	05/11/98	4,4'-DDE	0.0021	0.514	U	
979EX016(5.0)	05/11/98	4,4'-DDT	0.0043	0.496	U	
979EX016(5.0)	05/11/98	Aldrin	0.0086	0.06	U	
979EX016(5.0)	05/11/98	Alpha-BHC	0.0086	0.16	U	
979EX016(5.0)	05/11/98	Beta-BHC	0.0086	0.58	U	
979EX016(5.0)	05/11/98	Chlordane	0.086	0.161	U	
979EX016(5.0)	05/11/98	Dieldrin	0.017	0.0469	U	
979EX016(5.0)	05/11/98	Endosulfan (Total)	0.026	908.7	U	
979EX016(5.0)	05/11/98	Endrin	0.017	46.6	U	
979EX016(5.0)	05/11/98	Gamma-BHC (Lindane)	0.0086	0.94	U	
979EX016(5.0)	05/11/98	Heptachlor	0.0086	0.18	U	
979EX016(5.0)	05/11/98	Heptachlor Epoxide	0.0086	0.11	U	
979EX016(5.0)	05/11/98	Methoxychlor	0.086	768.9	U	
979EX016(5.0)	05/11/98	Toxaphene	0.17	0.93	U	
979EX016(5.0)	05/11/98	PCBs (Total)	0.588	1.0	U	
979EX016(5.0)	05/11/98	Aroclor-1016	0.086	See Total	U	
979EX016(5.0)	05/11/98	Aroclor-1221	0.072	See Total	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 76 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX016(5.0)	05/11/98	Aroclor-1232	0.086	See Total	U	
979EX016(5.0)	05/11/98	Aroclor-1242	0.086	See Total	U	
979EX016(5.0)	05/11/98	Aroclor-1248	0.086	See Total	U	
979EX016(5.0)	05/11/98	Aroclor-1254	0.086	See Total	U	
979EX016(5.0)	05/11/98	Aroclor-1260	0.086	See Total	U	
979EX016(5.0)	05/11/98	Aluminum	3,670	179,410		
979EX016(5.0)	05/11/98	Antimony	3.2	5	U	
979EX016(5.0)	05/11/98	Arsenic	2.5	4.56	J	
979EX016(5.0)	05/11/98	Barium	6.4	500		
979EX016(5.0)	05/11/98	Beryllium	0.21	0.33	U	
979EX016(5.0)	05/11/98	Cadmium	0.54	3.99	U	
979EX016(5.0)	05/11/98	Chromium	469	1,300	J	
979EX016(5.0)	05/11/98	Cobalt	26.8	159		
979EX016(5.0)	05/11/98	Copper	7.2	88		
979EX016(5.0)	05/11/98	Lead	11	477	UJ	
979EX016(5.0)	05/11/98	Lithium	54	3,495	U	
979EX016(5.0)	05/11/98	Manganese	283	7,456		
979EX016(5.0)	05/11/98	Molybdenum	2.1	885.4	U	
979EX016(5.0)	05/11/98	Nickel	550	5,500	J	
979EX016(5.0)	05/11/98	Selenium	27	885.4	U	
979EX016(5.0)	05/11/98	Silver	1.1	2.0	U	
979EX016(5.0)	05/11/98	Strontium	110	107,180	U	
979EX016(5.0)	05/11/98	Thallium	5.4	14.21	UJ	
979EX016(5.0)	05/11/98	Tin	21	107,180	U	
979EX016(5.0)	05/11/98	Vanadium	20.9	76		
979EX016(5.0)	05/11/98	Zinc	15.9	89		
979EX016(5.0)DUP	05/11/98	cis-1,2-Dichloroethene	0.0055	467	U	979DUP051198A
979EX016(5.0)DUP	05/11/98	trans-1,2-Dichloroethene	0.0055	1,027	U	
979EX016(5.0)DUP	05/11/98	Trichloroethene	0.0055	1.3	UJ	
979EX016(5.0)DUP	05/11/98	Vinyl Chloride	0.011	3.0	UJ	
979EX016(5.0)DUP	05/11/98	Acetone	0.019	6,300	J-	
979EX016(5.0)DUP	05/11/98	Bromodichloromethane	0.0055	1.89	UJ	
979EX016(5.0)DUP	05/11/98	Bromoform	0.0055	168	UJ	
979EX016(5.0)DUP	05/11/98	Bromomethane	0.011	20.4	UJ	
979EX016(5.0)DUP	05/11/98	2-Butanone	0.022	21,300	UJ	
979EX016(5.0)DUP	05/11/98	Carbon Disulfide	0.0055	22.5	UJ	
979EX016(5.0)DUP	05/11/98	Carbon Tetrachloride	0.0055	0.69	UJ	
979EX016(5.0)DUP	05/11/98	Chlorobenzene	0.0055	195	UJ	
979EX016(5.0)DUP	05/11/98	Chloroethane	0.011	3,300	UJ	
979EX016(5.0)DUP	05/11/98	Chloroform	0.0055	0.75	UJ	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 77 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX016(5.0)DUP	05/11/98	Chloromethane	0.011	3.6	UJ	
979EX016(5.0)DUP	05/11/98	Dibromochloromethane	0.0055	15.9	UJ	
979EX016(5.0)DUP	05/11/98	1,2-Dichlorobenzene	0.0055	2,100	UJ	
979EX016(5.0)DUP	05/11/98	1,3-Dichlorobenzene	0.0055	1,500	UJ	
979EX016(5.0)DUP	05/11/98	1,4-Dichlorobenzene	0.0055	10.8	UJ	
979EX016(5.0)DUP	05/11/98	1,1-Dichloroethane	0.0055	1,500	UJ	
979EX016(5.0)DUP	05/11/98	1,2-Dichloroethane	0.0055	0.75	UJ	
979EX016(5.0)DUP	05/11/98	1,1-Dichloroethene	0.0055	0.111	UJ	
979EX016(5.0)DUP	05/11/98	1,2-Dichloropropane	0.0055	0.93	UJ	
979EX016(5.0)DUP	05/11/98	1,3-Dichloropropene	0.011	0.75	UJ	
979EX016(5.0)DUP	05/11/98	2-Hexanone	0.022	NA	UJ	
979EX016(5.0)DUP	05/11/98	4-Methyl-2-Pentanone	0.022	2,310	UJ	
979EX016(5.0)DUP	05/11/98	Methylene Chloride	0.003	54	J-	
979EX016(5.0)DUP	05/11/98	Styrene	0.0055	2,040	UJ	
979EX016(5.0)DUP	05/11/98	1,1,2,2-Tetrachloroethane	0.0055	1.35	UJ	
979EX016(5.0)DUP	05/11/98	Tetrachloroethene	0.0055	15	UJ	
979EX016(5.0)DUP	05/11/98	1,1,1-Trichloroethane	0.0055	3,600	UJ	
979EX016(5.0)DUP	05/11/98	1,1,2-Trichloroethane	0.0055	1.95	UJ	
979EX016(5.0)DUP	05/11/98	Trichlorofluoromethane	0.011	1,140	UJ	
979EX016(5.0)DUP	05/11/98	Vinyl Acetate	0.011	2,340	UJ	
979EX016(5.0)DUP	05/11/98	Gasoline	1.1	1,690	U	
979EX016(5.0)DUP	05/11/98	Diesel	11	1,950	U	
979EX016(5.0)DUP	05/11/98	Fuel Oil	55	2,730	U	
979EX016(5.0)DUP	05/11/98	Benzene	0.0055	1.0	UJ	
979EX016(5.0)DUP	05/11/98	Toluene	0.0055	14	UJ	
979EX016(5.0)DUP	05/11/98	Ethylbenzene	0.0055	19	UJ	
979EX016(5.0)DUP	05/11/98	Xylenes (Total)	0.0055	4,340	UJ	
979EX016(5.0)DUP	05/11/98	Total Carcinogenic PAHs	0.173	253	U	
979EX016(5.0)DUP	05/11/98	Benzo(a)anthracene	0.089	See Total	U	
979EX016(5.0)DUP	05/11/98	Benzo(a)pyrene	0.022	9	U	
979EX016(5.0)DUP	05/11/98	Benzo(b)fluoranthene	0.0089	See Total	U	
979EX016(5.0)DUP	05/11/98	Benzo(k)fluoranthene	0.0089	See Total	U	
979EX016(5.0)DUP	05/11/98	Chrysene	0.044	See Total	U	
979EX016(5.0)DUP	05/11/98	4,4'-DDD	0.018	0.504	U	
979EX016(5.0)DUP	05/11/98	4,4'-DDE	0.0022	0.514	U	
979EX016(5.0)DUP	05/11/98	4,4'-DDT	0.0044	0.496	U	
979EX016(5.0)DUP	05/11/98	Aldrin	0.0089	0.06	U	
979EX016(5.0)DUP	05/11/98	Alpha-BHC	0.0089	0.16	U	
979EX016(5.0)DUP	05/11/98	Beta-BHC	0.0089	0.58	U	
979EX016(5.0)DUP	05/11/98	Chlordane	0.089	0.161	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 78 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX016(5.0)DUP	05/11/98	Dieldrin	0.018	0.0469	U	
979EX016(5.0)DUP	05/11/98	Endosulfan (Total)	0.027	908.7	U	
979EX016(5.0)DUP	05/11/98	Endrin	0.018	46.6	U	
979EX016(5.0)DUP	05/11/98	Gamma-BHC (Lindane)	0.0089	0.94	U	
979EX016(5.0)DUP	05/11/98	Heptachlor	0.0089	0.18	U	
979EX016(5.0)DUP	05/11/98	Heptachlor Epoxide	0.0089	0.11	U	
979EX016(5.0)DUP	05/11/98	Methoxychlor	0.089	768.9	U	
979EX016(5.0)DUP	05/11/98	Toxaphene	0.18	0.93	U	
979EX016(5.0)DUP	05/11/98	PCBs (Total)	0.608	1.0	U	
979EX016(5.0)DUP	05/11/98	Aroclor-1016	0.089	See Total	U	
979EX016(5.0)DUP	05/11/98	Aroclor-1221	0.074	See Total	U	
979EX016(5.0)DUP	05/11/98	Aroclor-1232	0.089	See Total	U	
979EX016(5.0)DUP	05/11/98	Aroclor-1242	0.089	See Total	U	
979EX016(5.0)DUP	05/11/98	Aroclor-1248	0.089	See Total	U	
979EX016(5.0)DUP	05/11/98	Aroclor-1254	0.089	See Total	U	
979EX016(5.0)DUP	05/11/98	Aroclor-1260	0.089	See Total	U	
979EX016(5.0)DUP	05/11/98	Aluminum	4,060	179,410		
979EX016(5.0)DUP	05/11/98	Antimony	1.8	5	J	
979EX016(5.0)DUP	05/11/98	Arsenic	2.7	4.56	J	
979EX016(5.0)DUP	05/11/98	Barium	9.5	500		
979EX016(5.0)DUP	05/11/98	Beryllium	0.22	0.33	U	
979EX016(5.0)DUP	05/11/98	Cadmium	0.55	3.99	U	
979EX016(5.0)DUP	05/11/98	Chromium	532	1,300	J	
979EX016(5.0)DUP	05/11/98	Cobalt	28.9	159		
979EX016(5.0)DUP	05/11/98	Copper	8.2	88		
979EX016(5.0)DUP	05/11/98	Lead	11	477	UJ	
979EX016(5.0)DUP	05/11/98	Lithium	110	3,495	U	
979EX016(5.0)DUP	05/11/98	Manganese	310	7,456		
979EX016(5.0)DUP	05/11/98	Molybdenum	2.2	885.4	U	
979EX016(5.0)DUP	05/11/98	Nickel	593	5,500	J	
979EX016(5.0)DUP	05/11/98	Selenium	28	885.4	U	
979EX016(5.0)DUP	05/11/98	Silver	1.1	2.0	U	
979EX016(5.0)DUP	05/11/98	Strontium	110	107,180	U	
979EX016(5.0)DUP	05/11/98	Thallium	5.5	14.21	UJ	
979EX016(5.0)DUP	05/11/98	Tin	22	107,180	U	
979EX016(5.0)DUP	05/11/98	Vanadium	23	76		
979EX016(5.0)DUP	05/11/98	Zinc	17.9	89		
979EX017(5.5)	05/11/98	cis-1,2-Dichloroethene	0.0055	467	U	
979EX017(5.5)	05/11/98	trans-1,2-Dichloroethene	0.0055	1,027	U	
979EX017(5.5)	05/11/98	Trichloroethene	0.0055	1.3	UJ	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 79 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX017(5.5)	05/11/98	Vinyl Chloride	0.011	3.0	UJ	
979EX017(5.5)	05/11/98	Acetone	0.015	6,300	J-	
979EX017(5.5)	05/11/98	Bromodichloromethane	0.0055	1.89	UJ	
979EX017(5.5)	05/11/98	Bromoform	0.0055	168	UJ	
979EX017(5.5)	05/11/98	Bromomethane	0.011	20.4	UJ	
979EX017(5.5)	05/11/98	2-Butanone	0.022	21,300	UJ	
979EX017(5.5)	05/11/98	Carbon Disulfide	0.0055	22.5	UJ	
979EX017(5.5)	05/11/98	Carbon Tetrachloride	0.0055	0.69	UJ	
979EX017(5.5)	05/11/98	Chlorobenzene	0.0055	195	UJ	
979EX017(5.5)	05/11/98	Chloroethane	0.011	3,300	UJ	
979EX017(5.5)	05/11/98	Chloroform	0.0055	0.75	UJ	
979EX017(5.5)	05/11/98	Chloromethane	0.011	3.6	UJ	
979EX017(5.5)	05/11/98	Dibromochloromethane	0.0055	15.9	UJ	
979EX017(5.5)	05/11/98	1,2-Dichlorobenzene	0.0055	2,100	UJ	
979EX017(5.5)	05/11/98	1,3-Dichlorobenzene	0.0055	1,500	UJ	
979EX017(5.5)	05/11/98	1,4-Dichlorobenzene	0.0055	10.8	UJ	
979EX017(5.5)	05/11/98	1,1-Dichloroethane	0.0055	1,500	UJ	
979EX017(5.5)	05/11/98	1,2-Dichloroethane	0.0055	0.75	UJ	
979EX017(5.5)	05/11/98	1,1-Dichloroethene	0.0055	0.111	UJ	
979EX017(5.5)	05/11/98	1,2-Dichloropropane	0.0055	0.93	UJ	
979EX017(5.5)	05/11/98	1,3-Dichloropropene	0.011	0.75	UJ	
979EX017(5.5)	05/11/98	2-Hexanone	0.022	NA	UJ	
979EX017(5.5)	05/11/98	4-Methyl-2-Pentanone	0.022	2,310	UJ	
979EX017(5.5)	05/11/98	Methylene Chloride	0.0032	54	J-	
979EX017(5.5)	05/11/98	Styrene	0.0055	2,040	UJ	
979EX017(5.5)	05/11/98	1,1,2,2-Tetrachloroethane	0.0055	1.35	UJ	
979EX017(5.5)	05/11/98	Tetrachloroethene	0.0055	15	UJ	
979EX017(5.5)	05/11/98	1,1,1-Trichloroethane	0.0055	3,600	UJ	
979EX017(5.5)	05/11/98	1,1,2-Trichloroethane	0.0055	1.95	UJ	
979EX017(5.5)	05/11/98	Trichlorofluoromethane	0.011	1,140	UJ	
979EX017(5.5)	05/11/98	Vinyl Acetate	0.011	2,340	UJ	
979EX017(5.5)	05/11/98	Gasoline	1.1	1,690	U	
979EX017(5.5)	05/11/98	Diesel	11	1,950	U	
979EX017(5.5)	05/11/98	Fuel Oil	55	2,730	U	
979EX017(5.5)	05/11/98	Benzene	0.0055	1.0	UJ	
979EX017(5.5)	05/11/98	Toluene	0.0055	14	UJ	
979EX017(5.5)	05/11/98	Ethylbenzene	0.0055	19	UJ	
979EX017(5.5)	05/11/98	Xylenes (Total)	0.0055	4,340	UJ	
979EX017(5.5)	05/11/98	Total Carcinogenic PAHs	0.172	253	U	
979EX017(5.5)	05/11/98	Benzo(a)anthracene	0.088	See Total	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 80 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX017(5.5)	05/11/98	Benzo(a)pyrene	0.022	9	U	
979EX017(5.5)	05/11/98	Benzo(b)fluoranthene	0.0088	See Total	U	
979EX017(5.5)	05/11/98	Benzo(k)fluoranthene	0.0088	See Total	U	
979EX017(5.5)	05/11/98	Chrysene	0.044	See Total	U	
979EX017(5.5)	05/11/98	4,4'-DDD	0.018	0.504	U	
979EX017(5.5)	05/11/98	4,4'-DDE	0.0022	0.514	U	
979EX017(5.5)	05/11/98	4,4'-DDT	0.0044	0.496	U	
979EX017(5.5)	05/11/98	Aldrin	0.0088	0.06	U	
979EX017(5.5)	05/11/98	Alpha-BHC	0.0088	0.16	U	
979EX017(5.5)	05/11/98	Beta-BHC	0.0088	0.58	U	
979EX017(5.5)	05/11/98	Chlordane	0.088	0.161	U	
979EX017(5.5)	05/11/98	Dieldrin	0.018	0.0469	U	
979EX017(5.5)	05/11/98	Endosulfan (Total)	0.027	908.7	U	
979EX017(5.5)	05/11/98	Endrin	0.018	46.6	U	
979EX017(5.5)	05/11/98	Gamma-BHC (Lindane)	0.0088	0.94	U	
979EX017(5.5)	05/11/98	Heptachlor	0.0088	0.18	U	
979EX017(5.5)	05/11/98	Heptachlor Epoxide	0.0088	0.11	U	
979EX017(5.5)	05/11/98	Methoxychlor	0.088	768.9	U	
979EX017(5.5)	05/11/98	Toxaphene	0.18	0.93	U	
979EX017(5.5)	05/11/98	PCBs (Total)	0.601	1.0	U	
979EX017(5.5)	05/11/98	Aroclor-1016	0.088	See Total	U	
979EX017(5.5)	05/11/98	Aroclor-1221	0.073	See Total	U	
979EX017(5.5)	05/11/98	Aroclor-1232	0.088	See Total	U	
979EX017(5.5)	05/11/98	Aroclor-1242	0.088	See Total	U	
979EX017(5.5)	05/11/98	Aroclor-1248	0.088	See Total	U	
979EX017(5.5)	05/11/98	Aroclor-1254	0.088	See Total	U	
979EX017(5.5)	05/11/98	Aroclor-1260	0.088	See Total	U	
979EX017(5.5)	05/11/98	Aluminum	3,650	179,410		
979EX017(5.5)	05/11/98	Antimony	3.3	5	U	
979EX017(5.5)	05/11/98	Arsenic	2.7	4.56	J	
979EX017(5.5)	05/11/98	Barium	10.8	500		
979EX017(5.5)	05/11/98	Beryllium	0.22	0.33	U	
979EX017(5.5)	05/11/98	Cadmium	0.55	3.99	U	
979EX017(5.5)	05/11/98	Chromium	447	1,300	J	
979EX017(5.5)	05/11/98	Cobalt	24.2	159		
979EX017(5.5)	05/11/98	Copper	7	88		
979EX017(5.5)	05/11/98	Lead	11	477	UJ	
979EX017(5.5)	05/11/98	Lithium	110	3,495	U	
979EX017(5.5)	05/11/98	Manganese	257	7,456		
979EX017(5.5)	05/11/98	Molybdenum	2.2	885.4	U	

Footnotes at end of table.
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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 81 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX017(5.5)	05/11/98	Nickel	472	5,500	J	
979EX017(5.5)	05/11/98	Selenium	27	885.4	U	
979EX017(5.5)	05/11/98	Silver	1.1	2.0	U	
979EX017(5.5)	05/11/98	Strontium	110	107,180	U	
979EX017(5.5)	05/11/98	Thallium	5.5	14.21	UJ	
979EX017(5.5)	05/11/98	Tin	22	107,180	U	
979EX017(5.5)	05/11/98	Vanadium	20.8	76		
979EX017(5.5)	05/11/98	Zinc	16	89		
979EX020(6.0)	05/11/98	cis-1,2-Dichloroethene	0.0053	467	U	
979EX020(6.0)	05/11/98	trans-1,2-Dichloroethene	0.0053	1,027	U	
979EX020(6.0)	05/11/98	Trichloroethene	0.0053	1.3	U	
979EX020(6.0)	05/11/98	Vinyl Chloride	0.011	3.0	U	
979EX020(6.0)	05/11/98	Acetone	0.015	6,300	J-	
979EX020(6.0)	05/11/98	Bromodichloromethane	0.0053	1.89	U	
979EX020(6.0)	05/11/98	Bromoform	0.0053	168	U	
979EX020(6.0)	05/11/98	Bromomethane	0.011	20.4	UJ	
979EX020(6.0)	05/11/98	2-Butanone	0.021	21,300	U	
979EX020(6.0)	05/11/98	Carbon Disulfide	0.0053	22.5	U	
979EX020(6.0)	05/11/98	Carbon Tetrachloride	0.0053	0.69	U	
979EX020(6.0)	05/11/98	Chlorobenzene	0.0053	195	U	
979EX020(6.0)	05/11/98	Chloroethane	0.011	3,300	U	
979EX020(6.0)	05/11/98	Chloroform	0.0053	0.75	U	
979EX020(6.0)	05/11/98	Chloromethane	0.011	3.6	UJ	
979EX020(6.0)	05/11/98	Dibromochloromethane	0.0053	15.9	U	
979EX020(6.0)	05/11/98	1,2-Dichlorobenzene	0.0053	2,100	U	
979EX020(6.0)	05/11/98	1,3-Dichlorobenzene	0.0053	1,500	U	
979EX020(6.0)	05/11/98	1,4-Dichlorobenzene	0.0053	10.8	U	
979EX020(6.0)	05/11/98	1,1-Dichloroethane	0.0053	1,500	U	
979EX020(6.0)	05/11/98	1,2-Dichloroethane	0.0053	0.75	U	
979EX020(6.0)	05/11/98	1,1-Dichloroethene	0.0053	0.111	UJ	
979EX020(6.0)	05/11/98	1,2-Dichloropropane	0.0053	0.93	U	
979EX020(6.0)	05/11/98	1,3-Dichloropropene	0.011	0.75	U	
979EX020(6.0)	05/11/98	2-Hexanone	0.021	NA	U	
979EX020(6.0)	05/11/98	4-Methyl-2-Pentanone	0.021	2,310	U	
979EX020(6.0)	05/11/98	Methylene Chloride	0.0032	54	J-	
979EX020(6.0)	05/11/98	Styrene	0.0053	2,040	U	
979EX020(6.0)	05/11/98	1,1,2,2-Tetrachloroethane	0.0053	1.35	U	
979EX020(6.0)	05/11/98	Tetrachloroethene	0.0053	15	U	
979EX020(6.0)	05/11/98	1,1,1-Trichloroethane	0.0053	3,600	U	
979EX020(6.0)	05/11/98	1,1,2-Trichloroethane	0.0053	1.95	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 82 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX020(6.0)	05/11/98	Trichlorofluoromethane	0.011	1,140	U	
979EX020(6.0)	05/11/98	Vinyl Acetate	0.011	2,340	U	
979EX020(6.0)	05/11/98	Gasoline	1.1	1,690	U	
979EX020(6.0)	05/11/98	Diesel	11	1,950	U	
979EX020(6.0)	05/11/98	Fuel Oil	53	2,730	U	
979EX020(6.0)	05/11/98	Benzene	0.0053	1.0	UJ	
979EX020(6.0)	05/11/98	Toluene	0.0053	14	UJ	
979EX020(6.0)	05/11/98	Ethylbenzene	0.0053	19	U	
979EX020(6.0)	05/11/98	Xylenes (Total)	0.0053	4,340	U	
979EX020(6.0)	05/11/98	Total Carcinogenic PAHs	0.167	253	U	
979EX020(6.0)	05/11/98	Benzo(a)anthracene	0.086	See Total	U	
979EX020(6.0)	05/11/98	Benzo(a)pyrene	0.021	9	U	
979EX020(6.0)	05/11/98	Benzo(b)fluoranthene	0.0086	See Total	U	
979EX020(6.0)	05/11/98	Benzo(k)fluoranthene	0.0086	See Total	U	
979EX020(6.0)	05/11/98	Chrysene	0.043	See Total	U	
979EX020(6.0)	05/11/98	4,4'-DDD	0.017	0.504	U	
979EX020(6.0)	05/11/98	4,4'-DDE	0.0021	0.514	U	
979EX020(6.0)	05/11/98	4,4'-DDT	0.0043	0.496	U	
979EX020(6.0)	05/11/98	Aldrin	0.0086	0.06	U	
979EX020(6.0)	05/11/98	Alpha-BHC	0.0086	0.16	U	
979EX020(6.0)	05/11/98	Beta-BHC	0.0086	0.58	U	
979EX020(6.0)	05/11/98	Chlordane	0.086	0.161	U	
979EX020(6.0)	05/11/98	Dieldrin	0.017	0.0469	U	
979EX020(6.0)	05/11/98	Endosulfan (Total)	0.026	908.7	U	
979EX020(6.0)	05/11/98	Endrin	0.017	46.6	U	
979EX020(6.0)	05/11/98	Gamma-BHC (Lindane)	0.0086	0.94	U	
979EX020(6.0)	05/11/98	Heptachlor	0.0086	0.18	U	
979EX020(6.0)	05/11/98	Heptachlor Epoxide	0.0086	0.11	U	
979EX020(6.0)	05/11/98	Methoxychlor	0.086	768.9	U	
979EX020(6.0)	05/11/98	Toxaphene	0.17	0.93	U	
979EX020(6.0)	05/11/98	PCBs (Total)	0.588	1.0	U	
979EX020(6.0)	05/11/98	Aroclor-1016	0.086	See Total	U	
979EX020(6.0)	05/11/98	Aroclor-1221	0.072	See Total	U	
979EX020(6.0)	05/11/98	Aroclor-1232	0.086	See Total	U	
979EX020(6.0)	05/11/98	Aroclor-1242	0.086	See Total	U	
979EX020(6.0)	05/11/98	Aroclor-1248	0.086	See Total	U	
979EX020(6.0)	05/11/98	Aroclor-1254	0.086	See Total	U	
979EX020(6.0)	05/11/98	Aroclor-1260	0.086	See Total	U	
979EX020(6.0)	05/11/98	Aluminum	3,620	179,410		
979EX020(6.0)	05/11/98	Antimony	3.2	5	U	

Footnotes at end of table.
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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 83 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX020(6.0)	05/11/98	Arsenic	2.7	4.56	J	
979EX020(6.0)	05/11/98	Barium	8.4	500		
979EX020(6.0)	05/11/98	Beryllium	0.21	0.33	U	
979EX020(6.0)	05/11/98	Cadmium	0.53	3.99	U	
979EX020(6.0)	05/11/98	Chromium	389	1,300	J	
979EX020(6.0)	05/11/98	Cobalt	24.5	159		
979EX020(6.0)	05/11/98	Copper	6.5	88		
979EX020(6.0)	05/11/98	Lead	11	477	UJ	
979EX020(6.0)	05/11/98	Lithium	110	3,495	U	
979EX020(6.0)	05/11/98	Manganese	256	7,456		
979EX020(6.0)	05/11/98	Molybdenum	2.1	885.4	U	
979EX020(6.0)	05/11/98	Nickel	439	5,500	J	
979EX020(6.0)	05/11/98	Selenium	27	885.4	U	
979EX020(6.0)	05/11/98	Silver	1.1	2.0	U	
979EX020(6.0)	05/11/98	Strontium	110	107,180	U	
979EX020(6.0)	05/11/98	Thallium	5.3	14.21	UJ	
979EX020(6.0)	05/11/98	Tin	21	107,180	U	
979EX020(6.0)	05/11/98	Vanadium	21.4	76		
979EX020(6.0)	05/11/98	Zinc	16.5	89		
979EX021(6.0)	05/11/98	cis-1,2-Dichloroethene	0.0062	467	U	
979EX021(6.0)	05/11/98	trans-1,2-Dichloroethene	0.0062	1,027	U	
979EX021(6.0)	05/11/98	Trichloroethene	0.0062	1.3	UJ	
979EX021(6.0)	05/11/98	Vinyl Chloride	0.012	3.0	UJ	
979EX021(6.0)	05/11/98	Acetone	0.027	6,300	J-	
979EX021(6.0)	05/11/98	Bromodichloromethane	0.0062	1.89	UJ	
979EX021(6.0)	05/11/98	Bromoform	0.0062	168	UJ	
979EX021(6.0)	05/11/98	Bromomethane	0.012	20.4	UJ	
979EX021(6.0)	05/11/98	2-Butanone	0.025	21,300	UJ	
979EX021(6.0)	05/11/98	Carbon Disulfide	0.0062	22.5	UJ	
979EX021(6.0)	05/11/98	Carbon Tetrachloride	0.0062	0.69	UJ	
979EX021(6.0)	05/11/98	Chlorobenzene	0.0062	195	UJ	
979EX021(6.0)	05/11/98	Chloroethane	0.012	3,300	UJ	
979EX021(6.0)	05/11/98	Chloroform	0.0062	0.75	UJ	
979EX021(6.0)	05/11/98	Chloromethane	0.012	3.6	UJ	
979EX021(6.0)	05/11/98	Dibromochloromethane	0.0062	15.9	UJ	
979EX021(6.0)	05/11/98	1,2-Dichlorobenzene	0.0062	2,100	UJ	
979EX021(6.0)	05/11/98	1,3-Dichlorobenzene	0.0062	1,500	UJ	
979EX021(6.0)	05/11/98	1,4-Dichlorobenzene	0.0062	10.8	UJ	
979EX021(6.0)	05/11/98	1,1-Dichloroethane	0.0062	1,500	UJ	
979EX021(6.0)	05/11/98	1,2-Dichloroethane	0.0062	0.75	UJ	

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 84 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX021(6.0)	05/11/98	1,1-Dichloroethene	0.0062	0.111	UJ	
979EX021(6.0)	05/11/98	1,2-Dichloropropane	0.0062	0.93	UJ	
979EX021(6.0)	05/11/98	1,3-Dichloropropene	0.012	0.75	UJ	
979EX021(6.0)	05/11/98	2-Hexanone	0.025	NA	UJ	
979EX021(6.0)	05/11/98	4-Methyl-2-Pentanone	0.025	2,310	UJ	
979EX021(6.0)	05/11/98	Methylene Chloride	0.0062	54	UJ	
979EX021(6.0)	05/11/98	Styrene	0.0062	2,040	UJ	
979EX021(6.0)	05/11/98	1,1,2,2-Tetrachloroethane	0.0062	1.35	UJ	
979EX021(6.0)	05/11/98	Tetrachloroethene	0.0062	15	UJ	
979EX021(6.0)	05/11/98	1,1,1-Trichloroethane	0.0062	3,600	UJ	
979EX021(6.0)	05/11/98	1,1,2-Trichloroethane	0.0062	1.95	UJ	
979EX021(6.0)	05/11/98	Trichlorofluoromethane	0.012	1,140	UJ	
979EX021(6.0)	05/11/98	Vinyl Acetate	0.012	2,340	UJ	
979EX021(6.0)	05/11/98	Gasoline	1.2	1,690	U	
979EX021(6.0)	05/11/98	Diesel	12	1,950	U	
979EX021(6.0)	05/11/98	Fuel Oil	62	2,730	U	
979EX021(6.0)	05/11/98	Benzene	0.0062	1.0	UJ	
979EX021(6.0)	05/11/98	Toluene	0.0062	14	UJ	
979EX021(6.0)	05/11/98	Ethylbenzene	0.0062	19	UJ	
979EX021(6.0)	05/11/98	Xylenes (Total)	0.0062	4,340	UJ	
979EX021(6.0)	05/11/98	Total Carcinogenic PAHs	0.193	253	U	
979EX021(6.0)	05/11/98	Benzo(a)anthracene	0.099	See Total	U	
979EX021(6.0)	05/11/98	Benzo(a)pyrene	0.025	9	U	
979EX021(6.0)	05/11/98	Benzo(b)fluoranthene	0.0099	See Total	U	
979EX021(6.0)	05/11/98	Benzo(k)fluoranthene	0.0099	See Total	U	
979EX021(6.0)	05/11/98	Chrysene	0.049	See Total	U	
979EX021(6.0)	05/11/98	4,4'-DDD	0.02	0.504	U	
979EX021(6.0)	05/11/98	4,4'-DDE	0.0025	0.514	U	
979EX021(6.0)	05/11/98	4,4'-DDT	0.0049	0.496	U	
979EX021(6.0)	05/11/98	Aldrin	0.0099	0.06	U	
979EX021(6.0)	05/11/98	Alpha-BHC	0.0099	0.16	U	
979EX021(6.0)	05/11/98	Beta-BHC	0.0099	0.58	U	
979EX021(6.0)	05/11/98	Chlordane	0.099	0.161	U	
979EX021(6.0)	05/11/98	Dieldrin	0.02	0.0469	U	
979EX021(6.0)	05/11/98	Endosulfan (Total)	0.030	908.7	U	
979EX021(6.0)	05/11/98	Endrin	0.02	46.6	U	
979EX021(6.0)	05/11/98	Gamma-BHC (Lindane)	0.0099	0.94	U	
979EX021(6.0)	05/11/98	Heptachlor	0.0099	0.18	U	
979EX021(6.0)	05/11/98	Heptachlor Epoxide	0.0099	0.11	U	
979EX021(6.0)	05/11/98	Methoxychlor	0.099	768.9	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 85 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX021(6.0)	05/11/98	Toxaphene	0.2	0.93	U	
979EX021(6.0)	05/11/98	PCBs (Total)	0.677	1.0	U	
979EX021(6.0)	05/11/98	Aroclor-1016	0.099	See Total	U	
979EX021(6.0)	05/11/98	Aroclor-1221	0.083	See Total	U	
979EX021(6.0)	05/11/98	Aroclor-1232	0.099	See Total	U	
979EX021(6.0)	05/11/98	Aroclor-1242	0.099	See Total	U	
979EX021(6.0)	05/11/98	Aroclor-1248	0.099	See Total	U	
979EX021(6.0)	05/11/98	Aroclor-1254	0.099	See Total	U	
979EX021(6.0)	05/11/98	Aroclor-1260	0.099	See Total	U	
979EX021(6.0)	05/11/98	Aluminum	4,290	179,410		
979EX021(6.0)	05/11/98	Antimony	2	5	J	
979EX021(6.0)	05/11/98	Arsenic	2.8	4.56	J	
979EX021(6.0)	05/11/98	Barium	22.1	500		
979EX021(6.0)	05/11/98	Beryllium	0.25	0.33	U	
979EX021(6.0)	05/11/98	Cadmium	0.62	3.99	U	
979EX021(6.0)	05/11/98	Chromium	489	1,300	J	
979EX021(6.0)	05/11/98	Cobalt	26.9	159		
979EX021(6.0)	05/11/98	Copper	7.5	88		
979EX021(6.0)	05/11/98	Lead	12	477	UJ	
979EX021(6.0)	05/11/98	Lithium	120	3,495	U	
979EX021(6.0)	05/11/98	Manganese	292	7,456		
979EX021(6.0)	05/11/98	Molybdenum	2.5	885.4	U	
979EX021(6.0)	05/11/98	Nickel	503	5,500	J	
979EX021(6.0)	05/11/98	Selenium	31	885.4	U	
979EX021(6.0)	05/11/98	Silver	1.2	2.0	U	
979EX021(6.0)	05/11/98	Strontium	120	107,180	U	
979EX021(6.0)	05/11/98	Thallium	6.2	14.21	UJ	
979EX021(6.0)	05/11/98	Tin	25	107,180	U	
979EX021(6.0)	05/11/98	Vanadium	24.8	76		
979EX021(6.0)	05/11/98	Zinc	18.5	89		
979EX022(6.5)	05/11/98	cis-1,2-Dichloroethene	0.0059	467	U	
979EX022(6.5)	05/11/98	trans-1,2-Dichloroethene	0.0059	1,027	U	
979EX022(6.5)	05/11/98	Trichloroethene	0.0059	1.3	UJ	
979EX022(6.5)	05/11/98	Vinyl Chloride	0.012	3.0	UJ	
979EX022(6.5)	05/11/98	Acetone	0.027	6,300	J-	
979EX022(6.5)	05/11/98	Bromodichloromethane	0.0059	1.89	UJ	
979EX022(6.5)	05/11/98	Bromoform	0.0059	168	UJ	
979EX022(6.5)	05/11/98	Bromomethane	0.012	20.4	UJ	
979EX022(6.5)	05/11/98	2-Butanone	0.024	21,300	UJ	
979EX022(6.5)	05/11/98	Carbon Disulfide	0.0059	22.5	UJ	

Footnotes at end of table.
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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 86 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX022(6.5)	05/11/98	Carbon Tetrachloride	0.0059	0.69	UJ	
979EX022(6.5)	05/11/98	Chlorobenzene	0.0059	195	UJ	
979EX022(6.5)	05/11/98	Chloroethane	0.012	3,300	UJ	
979EX022(6.5)	05/11/98	Chloroform	0.0059	0.75	UJ	
979EX022(6.5)	05/11/98	Chloromethane	0.012	3.6	UJ	
979EX022(6.5)	05/11/98	Dibromochloromethane	0.0059	15.9	UJ	
979EX022(6.5)	05/11/98	1,2-Dichlorobenzene	0.0059	2,100	UJ	
979EX022(6.5)	05/11/98	1,3-Dichlorobenzene	0.0059	1,500	UJ	
979EX022(6.5)	05/11/98	1,4-Dichlorobenzene	0.0059	10.8	UJ	
979EX022(6.5)	05/11/98	1,1-Dichloroethane	0.0059	1,500	UJ	
979EX022(6.5)	05/11/98	1,2-Dichloroethane	0.0059	0.75	UJ	
979EX022(6.5)	05/11/98	1,1-Dichloroethene	0.0059	0.111	UJ	
979EX022(6.5)	05/11/98	1,2-Dichloropropane	0.0059	0.93	UJ	
979EX022(6.5)	05/11/98	1,3-Dichloropropene	0.012	0.75	UJ	
979EX022(6.5)	05/11/98	2-Hexanone	0.024	NA	UJ	
979EX022(6.5)	05/11/98	4-Methyl-2-Pentanone	0.024	2,310	UJ	
979EX022(6.5)	05/11/98	Methylene Chloride	0.0038	54	J-	
979EX022(6.5)	05/11/98	Styrene	0.0059	2,040	UJ	
979EX022(6.5)	05/11/98	1,1,2,2-Tetrachloroethane	0.0059	1.35	UJ	
979EX022(6.5)	05/11/98	Tetrachloroethene	0.0059	15	UJ	
979EX022(6.5)	05/11/98	1,1,1-Trichloroethane	0.0059	3,600	UJ	
979EX022(6.5)	05/11/98	1,1,2-Trichloroethane	0.0059	1.95	UJ	
979EX022(6.5)	05/11/98	Trichlorofluoromethane	0.012	1,140	UJ	
979EX022(6.5)	05/11/98	Vinyl Acetate	0.012	2,340	UJ	
979EX022(6.5)	05/11/98	Gasoline	1.2	1,690	U	
979EX022(6.5)	05/11/98	Diesel	12	1,950	U	
979EX022(6.5)	05/11/98	Fuel Oil	59	2,730	U	
979EX022(6.5)	05/11/98	Benzene	0.0059	1.0	UJ	
979EX022(6.5)	05/11/98	Toluene	0.0059	14	UJ	
979EX022(6.5)	05/11/98	Ethylbenzene	0.0059	19	UJ	
979EX022(6.5)	05/11/98	Xylenes (Total)	0.0059	4,340	UJ	
979EX022(6.5)	05/11/98	Total Carcinogenic PAHs	0.184	253	U	
979EX022(6.5)	05/11/98	Benzo(a)anthracene	0.094	See Total	U	
979EX022(6.5)	05/11/98	Benzo(a)pyrene	0.024	9	U	
979EX022(6.5)	05/11/98	Benzo(b)fluoranthene	0.0094	See Total	U	
979EX022(6.5)	05/11/98	Benzo(k)fluoranthene	0.0094	See Total	U	
979EX022(6.5)	05/11/98	Chrysene	0.047	See Total	U	
979EX022(6.5)	05/11/98	4,4'-DDD	0.019	0.504	U	
979EX022(6.5)	05/11/98	4,4'-DDE	0.0024	0.514	U	
979EX022(6.5)	05/11/98	4,4'-DDT	0.0047	0.496	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 87 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX022(6.5)	05/11/98	Aldrin	0.0094	0.06	U	
979EX022(6.5)	05/11/98	Alpha-BHC	0.0094	0.16	U	
979EX022(6.5)	05/11/98	Beta-BHC	0.0094	0.58	U	
979EX022(6.5)	05/11/98	Chlordane	0.094	0.161	U	
979EX022(6.5)	05/11/98	Dieldrin	0.019	0.0469	U	
979EX022(6.5)	05/11/98	Endosulfan (Total)	0.028	908.7	U	
979EX022(6.5)	05/11/98	Endrin	0.019	46.6	U	
979EX022(6.5)	05/11/98	Gamma-BHC (Lindane)	0.0094	0.94	U	
979EX022(6.5)	05/11/98	Heptachlor	0.0094	0.18	U	
979EX022(6.5)	05/11/98	Heptachlor Epoxide	0.0094	0.11	U	
979EX022(6.5)	05/11/98	Methoxychlor	0.094	768.9	U	
979EX022(6.5)	05/11/98	Toxaphene	0.19	0.93	U	
979EX022(6.5)	05/11/98	PCBs (Total)	0.643	1.0	U	
979EX022(6.5)	05/11/98	Aroclor-1016	0.094	See Total	U	
979EX022(6.5)	05/11/98	Aroclor-1221	0.079	See Total	U	
979EX022(6.5)	05/11/98	Aroclor-1232	0.094	See Total	U	
979EX022(6.5)	05/11/98	Aroclor-1242	0.094	See Total	U	
979EX022(6.5)	05/11/98	Aroclor-1248	0.094	See Total	U	
979EX022(6.5)	05/11/98	Aroclor-1254	0.094	See Total	U	
979EX022(6.5)	05/11/98	Aroclor-1260	0.094	See Total	U	
979EX022(6.5)	05/11/98	Aluminum	4,580	179,410		
979EX022(6.5)	05/11/98	Antimony	3.5	5	U	
979EX022(6.5)	05/11/98	Arsenic	2	4.56	J	
979EX022(6.5)	05/11/98	Barium	8	500		
979EX022(6.5)	05/11/98	Beryllium	0.24	0.33	U	
979EX022(6.5)	05/11/98	Cadmium	0.59	3.99	U	
979EX022(6.5)	05/11/98	Chromium	571	1,300	J	
979EX022(6.5)	05/11/98	Cobalt	38.6	159		
979EX022(6.5)	05/11/98	Copper	10.1	88		
979EX022(6.5)	05/11/98	Lead	12	477	UJ	
979EX022(6.5)	05/11/98	Lithium	120	3,495	U	
979EX022(6.5)	05/11/98	Manganese	394	7,456		
979EX022(6.5)	05/11/98	Molybdenum	2.4	885.4	U	
979EX022(6.5)	05/11/98	Nickel	905	5,500	J	
979EX022(6.5)	05/11/98	Selenium	29	885.4	U	
979EX022(6.5)	05/11/98	Silver	1.2	2.0	U	
979EX022(6.5)	05/11/98	Strontium	120	107,180	U	
979EX022(6.5)	05/11/98	Thallium	5.9	14.21	UJ	
979EX022(6.5)	05/11/98	Tin	24	107,180	U	
979EX022(6.5)	05/11/98	Vanadium	23.2	76		

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 88 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX022(6.5)	05/11/98	Zinc	21	89		
979EX040(6.0)	06/18/98	cis-1,2-Dichloroethene	0.0057	467	U	
979EX040(6.0)	06/18/98	trans-1,2-Dichloroethene	0.0057	1,027	U	
979EX040(6.0)	06/18/98	Trichloroethene	0.0057	1.3	U	
979EX040(6.0)	06/18/98	Vinyl Chloride	0.011	3.0	U	
979EX040(6.0)	06/18/98	Acetone	0.023	6,300	UJ	
979EX040(6.0)	06/18/98	Bromodichloromethane	0.0057	1.89	U	
979EX040(6.0)	06/18/98	Bromoform	0.0057	168	U	
979EX040(6.0)	06/18/98	Bromomethane	0.011	20.4	U	
979EX040(6.0)	06/18/98	2-Butanone	0.023	21,300	U	
979EX040(6.0)	06/18/98	Carbon Disulfide	0.0057	22.5	U	
979EX040(6.0)	06/18/98	Carbon Tetrachloride	0.0057	0.69	U	
979EX040(6.0)	06/18/98	Chlorobenzene	0.0057	195	U	
979EX040(6.0)	06/18/98	Chloroethane	0.011	3,300	U	
979EX040(6.0)	06/18/98	Chloroform	0.0057	0.75	U	
979EX040(6.0)	06/18/98	Chloromethane	0.011	3.6	UJ	
979EX040(6.0)	06/18/98	Dibromochloromethane	0.0057	15.9	U	
979EX040(6.0)	06/18/98	1,2-Dichlorobenzene	0.0057	2,100	U	
979EX040(6.0)	06/18/98	1,3-Dichlorobenzene	0.0057	1,500	U	
979EX040(6.0)	06/18/98	1,4-Dichlorobenzene	0.0057	10.8	U	
979EX040(6.0)	06/18/98	1,1-Dichloroethane	0.0057	1,500	U	
979EX040(6.0)	06/18/98	1,2-Dichloroethane	0.0057	0.75	U	
979EX040(6.0)	06/18/98	1,1-Dichloroethene	0.0057	0.111	U	
979EX040(6.0)	06/18/98	1,2-Dichloropropane	0.0057	0.93	U	
979EX040(6.0)	06/18/98	1,3-Dichloropropene	0.011	0.75	U	
979EX040(6.0)	06/18/98	2-Hexanone	0.023	NA	U	
979EX040(6.0)	06/18/98	4-Methyl-2-Pentanone	0.023	2,310	U	
979EX040(6.0)	06/18/98	Methylene Chloride	0.0057	54	U	
979EX040(6.0)	06/18/98	Styrene	0.0057	2,040	U	
979EX040(6.0)	06/18/98	1,1,2,2-Tetrachloroethane	0.0057	1.35	U	
979EX040(6.0)	06/18/98	Tetrachloroethene	0.0057	15	U	
979EX040(6.0)	06/18/98	1,1,1-Trichloroethane	0.0057	3,600	U	
979EX040(6.0)	06/18/98	1,1,2-Trichloroethane	0.0057	1.95	U	
979EX040(6.0)	06/18/98	Trichlorofluoromethane	0.011	1,140	U	
979EX040(6.0)	06/18/98	Vinyl Acetate	0.011	2,340	U	
979EX040(6.0)	06/18/98	Gasoline	1.1	1,690	U	
979EX040(6.0)	06/18/98	Diesel	11	1,950	U	
979EX040(6.0)	06/18/98	Fuel Oil	57	2,730	U	
979EX040(6.0)	06/18/98	Benzene	0.0057	1.0	U	
979EX040(6.0)	06/18/98	Toluene	0.0057	14	U	

Footnotes at end of table.
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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 89 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX040(6.0)	06/18/98	Ethylbenzene	0.0057	19	U	
979EX040(6.0)	06/18/98	Xylenes (Total)	0.0057	4,340	U	
979EX040(6.0)	06/18/98	Total Carcinogenic PAHs	0.179	253	U	
979EX040(6.0)	06/18/98	Benzo(a)anthracene	0.092	See Total	U	
979EX040(6.0)	06/18/98	Benzo(a)pyrene	0.023	9	U	
979EX040(6.0)	06/18/98	Benzo(b)fluoranthene	0.0092	See Total	U	
979EX040(6.0)	06/18/98	Benzo(k)fluoranthene	0.0092	See Total	U	
979EX040(6.0)	06/18/98	Chrysene	0.046	See Total	U	
979EX040(6.0)	06/18/98	4,4'-DDD	0.018	0.504	U	
979EX040(6.0)	06/18/98	4,4'-DDE	0.0023	0.514	U	
979EX040(6.0)	06/18/98	4,4'-DDT	0.0046	0.496	U	
979EX040(6.0)	06/18/98	Aldrin	0.0092	0.06	U	
979EX040(6.0)	06/18/98	Alpha-BHC	0.0092	0.16	U	
979EX040(6.0)	06/18/98	Beta-BHC	0.0092	0.58	U	
979EX040(6.0)	06/18/98	Chlordane	0.184	0.161	U	
979EX040(6.0)	06/18/98	Dieldrin	0.018	0.0469	U	
979EX040(6.0)	06/18/98	Endosulfan (Total)	0.027	908.7	U	
979EX040(6.0)	06/18/98	Endrin	0.018	46.6	U	
979EX040(6.0)	06/18/98	Gamma-BHC (Lindane)	0.0092	0.94	U	
979EX040(6.0)	06/18/98	Heptachlor	0.0092	0.18	U	
979EX040(6.0)	06/18/98	Heptachlor Epoxide	0.0092	0.11	U	
979EX040(6.0)	06/18/98	Methoxychlor	0.092	768.9	U	
979EX040(6.0)	06/18/98	Toxaphene	0.18	0.93	U	
979EX040(6.0)	06/18/98	PCBs (Total)	0.629	1.0	U	
979EX040(6.0)	06/18/98	Aroclor-1016	0.092	See Total	U	
979EX040(6.0)	06/18/98	Aroclor-1221	0.077	See Total	U	
979EX040(6.0)	06/18/98	Aroclor-1232	0.092	See Total	U	
979EX040(6.0)	06/18/98	Aroclor-1242	0.092	See Total	U	
979EX040(6.0)	06/18/98	Aroclor-1248	0.092	See Total	U	
979EX040(6.0)	06/18/98	Aroclor-1254	0.092	See Total	U	
979EX040(6.0)	06/18/98	Aroclor-1260	0.092	See Total	U	
979EX040(6.0)	06/18/98	Aluminum	10,500	179,410		
979EX040(6.0)	06/18/98	Antimony	3.4	5	UJ	
979EX040(6.0)	06/18/98	Arsenic	3.9	4.56		
979EX040(6.0)	06/18/98	Barium	75.1	500		
979EX040(6.0)	06/18/98	Beryllium	0.23	0.33	U	
979EX040(6.0)	06/18/98	Cadmium	0.57	3.99	U	
979EX040(6.0)	06/18/98	Chromium	461	1,300		
979EX040(6.0)	06/18/98	Cobalt	35.3	159		
979EX040(6.0)	06/18/98	Copper	27.7	88		

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 90 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX040(6.0)	06/18/98	Lead	10.8	477	J	
979EX040(6.0)	06/18/98	Lithium	57	3,495	U	
979EX040(6.0)	06/18/98	Manganese	530	7,456		
979EX040(6.0)	06/18/98	Molybdenum	2.3	885.4	U	
979EX040(6.0)	06/18/98	Nickel	607	5,500	J	
979EX040(6.0)	06/18/98	Selenium	29	885.4	U	
979EX040(6.0)	06/18/98	Silver	1.1	2.0	U	
979EX040(6.0)	06/18/98	Strontium	57	107,180	U	
979EX040(6.0)	06/18/98	Thallium	5.7	14.21	U	
979EX040(6.0)	06/18/98	Tin	11	107,180	UJ	
979EX040(6.0)	06/18/98	Vanadium	40.8	76		
979EX040(6.0)	06/18/98	Zinc	41.2	89		
979EX041(6.0)	06/18/98	cis-1,2-Dichloroethene	0.0061	467	U	
979EX041(6.0)	06/18/98	trans-1,2-Dichloroethene	0.0061	1,027	U	
979EX041(6.0)	06/18/98	Trichloroethene	0.0061	1.3	U	
979EX041(6.0)	06/18/98	Vinyl Chloride	0.012	3.0	U	
979EX041(6.0)	06/18/98	Acetone	0.024	6,300	UJ	
979EX041(6.0)	06/18/98	Bromodichloromethane	0.0061	1.89	U	
979EX041(6.0)	06/18/98	Bromoform	0.0061	168	U	
979EX041(6.0)	06/18/98	Bromomethane	0.012	20.4	U	
979EX041(6.0)	06/18/98	2-Butanone	0.024	21,300	U	
979EX041(6.0)	06/18/98	Carbon Disulfide	0.0061	22.5	U	
979EX041(6.0)	06/18/98	Carbon Tetrachloride	0.0061	0.69	U	
979EX041(6.0)	06/18/98	Chlorobenzene	0.0061	195	U	
979EX041(6.0)	06/18/98	Chloroethane	0.012	3,300	U	
979EX041(6.0)	06/18/98	Chloroform	0.0061	0.75	U	
979EX041(6.0)	06/18/98	Chloromethane	0.012	3.6	UJ	
979EX041(6.0)	06/18/98	Dibromochloromethane	0.0061	15.9	U	
979EX041(6.0)	06/18/98	1,2-Dichlorobenzene	0.0061	2,100	U	
979EX041(6.0)	06/18/98	1,3-Dichlorobenzene	0.0061	1,500	U	
979EX041(6.0)	06/18/98	1,4-Dichlorobenzene	0.0061	10.8	U	
979EX041(6.0)	06/18/98	1,1-Dichloroethane	0.0061	1,500	U	
979EX041(6.0)	06/18/98	1,2-Dichloroethane	0.0061	0.75	U	
979EX041(6.0)	06/18/98	1,1-Dichloroethene	0.0061	0.111	U	
979EX041(6.0)	06/18/98	1,2-Dichloropropane	0.0061	0.93	U	
979EX041(6.0)	06/18/98	1,3-Dichloropropene	0.012	0.75	U	
979EX041(6.0)	06/18/98	2-Hexanone	0.024	NA	U	
979EX041(6.0)	06/18/98	4-Methyl-2-Pentanone	0.024	2,310	U	
979EX041(6.0)	06/18/98	Methylene Chloride	0.0061	54	U	
979EX041(6.0)	06/18/98	Styrene	0.0061	2,040	U	

Footnotes at end of table.
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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 91 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX041(6.0)	06/18/98	1,1,2,2-Tetrachloroethane	0.0061	1.35	U	
979EX041(6.0)	06/18/98	Tetrachloroethene	0.0061	15	U	
979EX041(6.0)	06/18/98	1,1,1-Trichloroethane	0.0061	3,600	U	
979EX041(6.0)	06/18/98	1,1,2-Trichloroethane	0.0061	1.95	U	
979EX041(6.0)	06/18/98	Trichlorofluoromethane	0.012	1,140	U	
979EX041(6.0)	06/18/98	Vinyl Acetate	0.012	2,340	U	
979EX041(6.0)	06/18/98	Gasoline	1.2	1,690	U	
979EX041(6.0)	06/18/98	Diesel	12	1,950	U	
979EX041(6.0)	06/18/98	Fuel Oil	61	2,730	U	
979EX041(6.0)	06/18/98	Benzene	0.0061	1.0	U	
979EX041(6.0)	06/18/98	Toluene	0.0061	14	U	
979EX041(6.0)	06/18/98	Ethylbenzene	0.0061	19	U	
979EX041(6.0)	06/18/98	Xylenes (Total)	0.0061	4,340	U	
979EX041(6.0)	06/18/98	Total Carcinogenic PAHs	0.174	253	J	
979EX041(6.0)	06/18/98	Benzo(a)anthracene	0.097	See Total	U	
979EX041(6.0)	06/18/98	Benzo(a)pyrene	0.012	9	J	
979EX041(6.0)	06/18/98	Benzo(b)fluoranthene	0.006	See Total	J	
979EX041(6.0)	06/18/98	Benzo(k)fluoranthene	0.0097	See Total	U	
979EX041(6.0)	06/18/98	Chrysene	0.049	See Total	U	
979EX041(6.0)	06/18/98	4,4'-DDD	0.019	0.504	U	
979EX041(6.0)	06/18/98	4,4'-DDE	0.0024	0.514	U	
979EX041(6.0)	06/18/98	4,4'-DDT	0.0049	0.496	U	
979EX041(6.0)	06/18/98	Aldrin	0.0097	0.06	U	
979EX041(6.0)	06/18/98	Alpha-BHC	0.0097	0.16	U	
979EX041(6.0)	06/18/98	Beta-BHC	0.0097	0.58	U	
979EX041(6.0)	06/18/98	Chlordane	0.194	0.161	U	
979EX041(6.0)	06/18/98	Dieldrin	0.019	0.0469	U	
979EX041(6.0)	06/18/98	Endosulfan (Total)	0.029	908.7	U	
979EX041(6.0)	06/18/98	Endrin	0.019	46.6	U	
979EX041(6.0)	06/18/98	Gamma-BHC (Lindane)	0.0097	0.94	U	
979EX041(6.0)	06/18/98	Heptachlor	0.0097	0.18	U	
979EX041(6.0)	06/18/98	Heptachlor Epoxide	0.0097	0.11	U	
979EX041(6.0)	06/18/98	Methoxychlor	0.097	768.9	U	
979EX041(6.0)	06/18/98	Toxaphene	0.19	0.93	U	
979EX041(6.0)	06/18/98	PCBs (Total)	0.663	1.0	U	
979EX041(6.0)	06/18/98	Aroclor-1016	0.097	See Total	U	
979EX041(6.0)	06/18/98	Aroclor-1221	0.081	See Total	U	
979EX041(6.0)	06/18/98	Aroclor-1232	0.097	See Total	U	
979EX041(6.0)	06/18/98	Aroclor-1242	0.097	See Total	U	
979EX041(6.0)	06/18/98	Aroclor-1248	0.097	See Total	U	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 92 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX041(6.0)	06/18/98	Aroclor-1254	0.097	See Total	U	
979EX041(6.0)	06/18/98	Aroclor-1260	0.097	See Total	U	
979EX041(6.0)	06/18/98	Aluminum	4,050	179,410		
979EX041(6.0)	06/18/98	Antimony	3.6	5	UJ	
979EX041(6.0)	06/18/98	Arsenic	2.7	4.56	J	
979EX041(6.0)	06/18/98	Barium	8.2	500		
979EX041(6.0)	06/18/98	Beryllium	0.24	0.33	U	
979EX041(6.0)	06/18/98	Cadmium	0.61	3.99	U	
979EX041(6.0)	06/18/98	Chromium	531	1,300		
979EX041(6.0)	06/18/98	Cobalt	25.7	159		
979EX041(6.0)	06/18/98	Copper	7.8	88		
979EX041(6.0)	06/18/98	Lead	12	477	U	
979EX041(6.0)	06/18/98	Lithium	61	3,495	U	
979EX041(6.0)	06/18/98	Manganese	277	7,456		
979EX041(6.0)	06/18/98	Molybdenum	2.4	885.4	U	
979EX041(6.0)	06/18/98	Nickel	485	5,500	J	
979EX041(6.0)	06/18/98	Selenium	30	885.4	U	
979EX041(6.0)	06/18/98	Silver	1.2	2.0	U	
979EX041(6.0)	06/18/98	Strontium	61	107,180	U	
979EX041(6.0)	06/18/98	Thallium	6.1	14.21	U	
979EX041(6.0)	06/18/98	Tin	12	107,180	UJ	
979EX041(6.0)	06/18/98	Vanadium	24.6	76		
979EX041(6.0)	06/18/98	Zinc	18.7	89		
979EX042(6.0)	08/12/98	cis-1,2-Dichloroethene	0.0055	467	U	
979EX042(6.0)	08/12/98	trans-1,2-Dichloroethene	0.0055	1,027	U	
979EX042(6.0)	08/12/98	Trichloroethene	0.0055	1.3	U	
979EX042(6.0)	08/12/98	Vinyl Chloride	0.011	3.0	U	
979EX042(6.0)	08/12/98	Acetone	0.022	6,300	U	
979EX042(6.0)	08/12/98	Bromodichloromethane	0.0055	1.89	U	
979EX042(6.0)	08/12/98	Bromoform	0.0055	168	U	
979EX042(6.0)	08/12/98	Bromomethane	0.011	20.4	U	
979EX042(6.0)	08/12/98	2-Butanone	0.022	21,300	U	
979EX042(6.0)	08/12/98	Carbon Disulfide	0.0055	22.5	U	
979EX042(6.0)	08/12/98	Carbon Tetrachloride	0.0055	0.69	U	
979EX042(6.0)	08/12/98	Chlorobenzene	0.0055	195	U	
979EX042(6.0)	08/12/98	Chloroethane	0.011	3,300	U	
979EX042(6.0)	08/12/98	Chloroform	0.0055	0.75	U	
979EX042(6.0)	08/12/98	Chloromethane	0.011	3.6	U	
979EX042(6.0)	08/12/98	Dibromochloromethane	0.0055	15.9	U	
979EX042(6.0)	08/12/98	1,2-Dichlorobenzene	0.0055	2,100	U	

Footnotes at end of table.
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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 93 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX042(6.0)	08/12/98	1,3-Dichlorobenzene	0.0055	1,500	U	
979EX042(6.0)	08/12/98	1,4-Dichlorobenzene	0.0055	10.8	U	
979EX042(6.0)	08/12/98	1,1-Dichloroethane	0.0055	1,500	U	
979EX042(6.0)	08/12/98	1,2-Dichloroethane	0.0055	0.75	U	
979EX042(6.0)	08/12/98	1,1-Dichloroethene	0.0055	0.111	U	
979EX042(6.0)	08/12/98	1,2-Dichloropropane	0.0055	0.93	U	
979EX042(6.0)	08/12/98	1,3-Dichloropropene	0.011	0.75	U	
979EX042(6.0)	08/12/98	2-Hexanone	0.022	NA	U	
979EX042(6.0)	08/12/98	4-Methyl-2-Pentanone	0.022	2,310	U	
979EX042(6.0)	08/12/98	Methylene Chloride	0.0055	54	U	
979EX042(6.0)	08/12/98	Styrene	0.0055	2,040	U	
979EX042(6.0)	08/12/98	1,1,2,2-Tetrachloroethane	0.0055	1.35	U	
979EX042(6.0)	08/12/98	Tetrachloroethene	0.0055	15	U	
979EX042(6.0)	08/12/98	1,1,1-Trichloroethane	0.0055	3,600	U	
979EX042(6.0)	08/12/98	1,1,2-Trichloroethane	0.0055	1.95	U	
979EX042(6.0)	08/12/98	Trichlorofluoromethane	0.011	1,140	U	
979EX042(6.0)	08/12/98	Vinyl Acetate	0.011	2,340	U	
979EX042(6.0)	08/12/98	Gasoline	1.1	1,690	U	
979EX042(6.0)	08/12/98	Diesel	11	1,950	U	
979EX042(6.0)	08/12/98	Fuel Oil	55	2,730	U	
979EX042(6.0)	08/12/98	Benzene	0.0055	1.0	U	
979EX042(6.0)	08/12/98	Toluene	0.0055	14	U	
979EX042(6.0)	08/12/98	Ethylbenzene	0.0055	19	U	
979EX042(6.0)	08/12/98	Xylenes (Total)	0.0055	4,340	U	
979EX042(6.0)	08/12/98	Total Carcinogenic PAHs	0.173	253	U	
979EX042(6.0)	08/12/98	Benzo(a)anthracene	0.089	See Total	U	
979EX042(6.0)	08/12/98	Benzo(a)pyrene	0.022	9	U	
979EX042(6.0)	08/12/98	Benzo(b)fluoranthene	0.0089	See Total	U	
979EX042(6.0)	08/12/98	Benzo(k)fluoranthene	0.0089	See Total	U	
979EX042(6.0)	08/12/98	Chrysene	0.044	See Total	U	
979EX042(6.0)	08/12/98	4,4'-DDD	0.018	0.504	U	
979EX042(6.0)	08/12/98	4,4'-DDE	0.0022	0.514	U	
979EX042(6.0)	08/12/98	4,4'-DDT	0.0044	0.496	U	
979EX042(6.0)	08/12/98	Aldrin	0.0089	0.06	U	
979EX042(6.0)	08/12/98	Alpha-BHC	0.0089	0.16	U	
979EX042(6.0)	08/12/98	Beta-BHC	0.0089	0.58	U	
979EX042(6.0)	08/12/98	Chlordane	0.089	0.161	U	
979EX042(6.0)	08/12/98	Dieldrin	0.018	0.0469	U	
979EX042(6.0)	08/12/98	Endosulfan (Total)	0.027	908.7	U	
979EX042(6.0)	08/12/98	Endrin	0.018	46.6	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 94 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX042(6.0)	08/12/98	Gamma-BHC (Lindane)	0.0089	0.94	U	
979EX042(6.0)	08/12/98	Heptachlor	0.0089	0.18	U	
979EX042(6.0)	08/12/98	Heptachlor Epoxide	0.0089	0.11	U	
979EX042(6.0)	08/12/98	Methoxychlor	0.089	768.9	U	
979EX042(6.0)	08/12/98	Toxaphene	0.18	0.93	U	
979EX042(6.0)	08/12/98	PCBs (Total)	0.608	1.0	U	
979EX042(6.0)	08/12/98	Aroclor-1016	0.089	See Total	U	
979EX042(6.0)	08/12/98	Aroclor-1221	0.074	See Total	U	
979EX042(6.0)	08/12/98	Aroclor-1232	0.089	See Total	U	
979EX042(6.0)	08/12/98	Aroclor-1242	0.089	See Total	U	
979EX042(6.0)	08/12/98	Aroclor-1248	0.089	See Total	U	
979EX042(6.0)	08/12/98	Aroclor-1254	0.089	See Total	U	
979EX042(6.0)	08/12/98	Aroclor-1260	0.089	See Total	U	
979EX042(6.0)	08/12/98	Aluminum	3,400	179,410		
979EX042(6.0)	08/12/98	Antimony	3.2	5	J	
979EX042(6.0)	08/12/98	Arsenic	2.4	4.56	J	
979EX042(6.0)	08/12/98	Barium	7.9	500		
979EX042(6.0)	08/12/98	Beryllium	0.22	0.33	U	
979EX042(6.0)	08/12/98	Cadmium	0.55	3.99	U	
979EX042(6.0)	08/12/98	Chromium	390	1,300	J+	
979EX042(6.0)	08/12/98	Cobalt	23	159		
979EX042(6.0)	08/12/98	Copper	5.1	88		
979EX042(6.0)	08/12/98	Lead	1.5	477	J-	
979EX042(6.0)	08/12/98	Lithium	55	3,495	U	
979EX042(6.0)	08/12/98	Manganese	250	7,456		
979EX042(6.0)	08/12/98	Mercury	0.28	2.79	U	
979EX042(6.0)	08/12/98	Molybdenum	2.2	885.4	U	
979EX042(6.0)	08/12/98	Nickel	360	5,500		
979EX042(6.0)	08/12/98	Selenium	28	885.4	U	
979EX042(6.0)	08/12/98	Silver	1.1	2.0	U	
979EX042(6.0)	08/12/98	Strontium	55	107,180	U	
979EX042(6.0)	08/12/98	Thallium	5.5	14.21	U	
979EX042(6.0)	08/12/98	Tin	11	107,180	UJ	
979EX042(6.0)	08/12/98	Vanadium	22	76		
979EX042(6.0)	08/12/98	Zinc	15	89		
979EX044(6.0)	10/07/98	cis-1,2-Dichloroethene	0.0052	467	U	
979EX044(6.0)	10/07/98	trans-1,2-Dichloroethene	0.0052	1,027	U	
979EX044(6.0)	10/07/98	Trichloroethene	0.0052	1.3	U	
979EX044(6.0)	10/07/98	Vinyl Chloride	0.01	3.0	U	
979EX044(6.0)	10/07/98	Acetone	0.021	6,300	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 95 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX044(6.0)	10/07/98	Bromodichloromethane	0.0052	1.89	U	
979EX044(6.0)	10/07/98	Bromoform	0.0052	168	U	
979EX044(6.0)	10/07/98	Bromomethane	0.01	20.4	U	
979EX044(6.0)	10/07/98	2-Butanone	0.021	21,300	U	
979EX044(6.0)	10/07/98	Carbon Disulfide	0.0052	22.5	U	
979EX044(6.0)	10/07/98	Carbon Tetrachloride	0.0052	0.69	UJ	
979EX044(6.0)	10/07/98	Chlorobenzene	0.0052	195	U	
979EX044(6.0)	10/07/98	Chloroethane	0.01	3,300	U	
979EX044(6.0)	10/07/98	Chloroform	0.0052	0.75	U	
979EX044(6.0)	10/07/98	Chloromethane	0.01	3.6	U	
979EX044(6.0)	10/07/98	Dibromochloromethane	0.0052	15.9	U	
979EX044(6.0)	10/07/98	1,2-Dichlorobenzene	0.0052	2,100	U	
979EX044(6.0)	10/07/98	1,3-Dichlorobenzene	0.0052	1,500	U	
979EX044(6.0)	10/07/98	1,4-Dichlorobenzene	0.0052	10.8	U	
979EX044(6.0)	10/07/98	1,1-Dichloroethane	0.0052	1,500	U	
979EX044(6.0)	10/07/98	1,2-Dichloroethane	0.0052	0.75	U	
979EX044(6.0)	10/07/98	1,1-Dichloroethene	0.0052	0.111	U	
979EX044(6.0)	10/07/98	1,2-Dichloropropane	0.0052	0.93	U	
979EX044(6.0)	10/07/98	1,3-Dichloropropene	0.010	0.75	U	
979EX044(6.0)	10/07/98	2-Hexanone	0.021	NA	U	
979EX044(6.0)	10/07/98	4-Methyl-2-Pentanone	0.021	2,310	U	
979EX044(6.0)	10/07/98	Methylene Chloride	0.0052	54	U	
979EX044(6.0)	10/07/98	Styrene	0.0052	2,040	U	
979EX044(6.0)	10/07/98	1,1,2,2-Tetrachloroethane	0.0052	1.35	U	
979EX044(6.0)	10/07/98	Tetrachloroethene	0.0052	15	U	
979EX044(6.0)	10/07/98	1,1,1-Trichloroethane	0.0052	3,600	U	
979EX044(6.0)	10/07/98	1,1,2-Trichloroethane	0.0052	1.95	U	
979EX044(6.0)	10/07/98	Trichlorofluoromethane	0.01	1,140	U	
979EX044(6.0)	10/07/98	Vinyl Acetate	0.01	2,340	U	
979EX044(6.0)	10/07/98	Gasoline	1	1,690	U	
979EX044(6.0)	10/07/98	Diesel	10	1,950	U	
979EX044(6.0)	10/07/98	Fuel Oil	28	2,730	J	
979EX044(6.0)	10/07/98	Benzene	0.0052	1.0	U	
979EX044(6.0)	10/07/98	Toluene	0.0052	14	U	
979EX044(6.0)	10/07/98	Ethylbenzene	0.0052	19	U	
979EX044(6.0)	10/07/98	Xylenes (Total)	0.0052	4,340	U	
979EX044(6.0)	10/07/98	Total Carcinogenic PAHs	0.223	253	J	
979EX044(6.0)	10/07/98	Benzo(a)anthracene	0.055	See Total	J	
979EX044(6.0)	10/07/98	Benzo(a)pyrene	0.016	9	J	
979EX044(6.0)	10/07/98	Benzo(b)fluoranthene	0.041	See Total		

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 96 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX044(6.0)	10/07/98	Benzo(k)fluoranthene	0.069	See Total		
979EX044(6.0)	10/07/98	Chrysene	0.042	See Total	U	
979EX044(6.0)	10/07/98	4,4'-DDD	0.017	0.504	U	
979EX044(6.0)	10/07/98	4,4'-DDE	0.0021	0.514	U	
979EX044(6.0)	10/07/98	4,4'-DDT	0.0042	0.496	U	
979EX044(6.0)	10/07/98	Aldrin	0.0084	0.06	U	
979EX044(6.0)	10/07/98	Alpha-BHC	0.0084	0.16	U	
979EX044(6.0)	10/07/98	Beta-BHC	0.0084	0.58	U	
979EX044(6.0)	10/07/98	Chlordane	0.084	0.161	U	
979EX044(6.0)	10/07/98	Dieldrin	0.017	0.0469	U	
979EX044(6.0)	10/07/98	Endosulfan (Total)	0.025	908.7	U	
979EX044(6.0)	10/07/98	Endrin	0.017	46.6	U	
979EX044(6.0)	10/07/98	Gamma-BHC (Lindane)	0.0084	0.94	U	
979EX044(6.0)	10/07/98	Heptachlor	0.0084	0.18	U	
979EX044(6.0)	10/07/98	Heptachlor Epoxide	0.0084	0.11	U	
979EX044(6.0)	10/07/98	Methoxychlor	0.084	768.9	U	
979EX044(6.0)	10/07/98	Toxaphene	0.17	0.93	U	
979EX044(6.0)	10/07/98	PCBs (Total)	0.28	1.0	U	
979EX044(6.0)	10/07/98	Aroclor-1016	0.035	See Total	U	
979EX044(6.0)	10/07/98	Aroclor-1221	0.07	See Total	U	
979EX044(6.0)	10/07/98	Aroclor-1232	0.035	See Total	U	
979EX044(6.0)	10/07/98	Aroclor-1242	0.035	See Total	U	
979EX044(6.0)	10/07/98	Aroclor-1248	0.035	See Total	U	
979EX044(6.0)	10/07/98	Aroclor-1254	0.035	See Total	U	
979EX044(6.0)	10/07/98	Aroclor-1260	0.035	See Total	U	
979EX044(6.0)	10/07/98	Aluminum	3,900	179,410		
979EX044(6.0)	10/07/98	Antimony	3.1	5	U	
979EX044(6.0)	10/07/98	Arsenic	3.2	4.56		
979EX044(6.0)	10/07/98	Barium	17	500		
979EX044(6.0)	10/07/98	Beryllium	0.21	0.33	U	
979EX044(6.0)	10/07/98	Cadmium	0.52	3.99	U	
979EX044(6.0)	10/07/98	Chromium	78	1,300		
979EX044(6.0)	10/07/98	Cobalt	8.8	159		
979EX044(6.0)	10/07/98	Copper	5.2	88		
979EX044(6.0)	10/07/98	Lead	10	477		
979EX044(6.0)	10/07/98	Lithium	52	3,495	U	
979EX044(6.0)	10/07/98	Manganese	170	7,456		
979EX044(6.0)	10/07/98	Mercury	0.26	2.79	U	
979EX044(6.0)	10/07/98	Molybdenum	2.1	885.4	U	
979EX044(6.0)	10/07/98	Nickel	100	5,500		

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 97 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX044(6.0)	10/07/98	Selenium	26	885.4	U	
979EX044(6.0)	10/07/98	Silver	1	2.0	U	
979EX044(6.0)	10/07/98	Strontium	52	107,180	U	
979EX044(6.0)	10/07/98	Thallium	5.2	14.21	U	
979EX044(6.0)	10/07/98	Tin	10	107,180	U	
979EX044(6.0)	10/07/98	Vanadium	19	76		
979EX044(6.0)	10/07/98	Zinc	38	89		
Test Pit 7						
979EX001(10.5)	08/17/98	cis-1,2-Dichloroethene	0.0059	467	U	
979EX001(10.5)	08/17/98	trans-1,2-Dichloroethene	0.0059	1,027	U	
979EX001(10.5)	08/17/98	Trichloroethene	0.0059	1.3	U	
979EX001(10.5)	08/17/98	Vinyl Chloride	0.012	3.0	U	
979EX001(10.5)	08/17/98	Acetone	0.024	6,300	U	
979EX001(10.5)	08/17/98	Bromodichloromethane	0.0059	1.89	U	
979EX001(10.5)	08/17/98	Bromoform	0.0059	168	U	
979EX001(10.5)	08/17/98	Bromomethane	0.012	20.4	U	
979EX001(10.5)	08/17/98	2-Butanone	0.024	21,300	U	
979EX001(10.5)	08/17/98	Carbon Disulfide	0.0059	22.5	U	
979EX001(10.5)	08/17/98	Carbon Tetrachloride	0.0059	0.69	U	
979EX001(10.5)	08/17/98	Chlorobenzene	0.0059	195	U	
979EX001(10.5)	08/17/98	Chloroethane	0.012	3,300	U	
979EX001(10.5)	08/17/98	Chloroform	0.0059	0.75	U	
979EX001(10.5)	08/17/98	Chloromethane	0.012	3.6	U	
979EX001(10.5)	08/17/98	Dibromochloromethane	0.0059	15.9	U	
979EX001(10.5)	08/17/98	1,2-Dichlorobenzene	0.0059	2,100	U	
979EX001(10.5)	08/17/98	1,3-Dichlorobenzene	0.0059	1,500	U	
979EX001(10.5)	08/17/98	1,4-Dichlorobenzene	0.0059	10.8	U	
979EX001(10.5)	08/17/98	1,1-Dichloroethane	0.0059	1,500	U	
979EX001(10.5)	08/17/98	1,2-Dichloroethane	0.0059	0.75	U	
979EX001(10.5)	08/17/98	1,1-Dichloroethene	0.0059	0.111	U	
979EX001(10.5)	08/17/98	1,2-Dichloropropane	0.0059	0.93	U	
979EX001(10.5)	08/17/98	1,3-Dichloropropene	0.012	0.75	U	
979EX001(10.5)	08/17/98	2-Hexanone	0.024	NA	U	
979EX001(10.5)	08/17/98	4-Methyl-2-Pentanone	0.024	2,310	U	
979EX001(10.5)	08/17/98	Methylene Chloride	0.0059	54	U	
979EX001(10.5)	08/17/98	Styrene	0.0059	2,040	U	
979EX001(10.5)	08/17/98	1,1,2,2-Tetrachloroethane	0.0059	1.35	U	
979EX001(10.5)	08/17/98	Tetrachloroethene	0.0059	15	U	
979EX001(10.5)	08/17/98	1,1,1-Trichloroethane	0.0059	3,600	U	
979EX001(10.5)	08/17/98	1,1,2-Trichloroethane	0.0059	1.95	U	

Footnotes at end of table.
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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 98 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX001(10.5)	08/17/98	Trichlorofluoromethane	0.012	1,140	U	
979EX001(10.5)	08/17/98	Vinyl Acetate	0.012	2,340	U	
979EX001(10.5)	08/17/98	Gasoline	0.59	1,690	U	
979EX001(10.5)	08/17/98	Diesel	12	1,950	U	
979EX001(10.5)	08/17/98	Fuel Oil	59	2,730	U	
979EX001(10.5)	08/17/98	Benzene	0.0059	1.0	U	
979EX001(10.5)	08/17/98	Toluene	0.0059	14	U	
979EX001(10.5)	08/17/98	Ethylbenzene	0.0059	19	U	
979EX001(10.5)	08/17/98	Xylenes (Total)	0.0059	4,340	U	
979EX001(10.5)	08/17/98	Total Carcinogenic PAHs	0.184	253	U	
979EX001(10.5)	08/17/98	Benzo(a)anthracene	0.094	See Total	U	
979EX001(10.5)	08/17/98	Benzo(a)pyrene	0.024	9	U	
979EX001(10.5)	08/17/98	Benzo(b)fluoranthene	0.0094	See Total	U	
979EX001(10.5)	08/17/98	Benzo(k)fluoranthene	0.0094	See Total	U	
979EX001(10.5)	08/17/98	Chrysene	0.047	See Total	U	
979EX001(10.5)	08/17/98	4,4'-DDD	0.019	0.504	U	
979EX001(10.5)	08/17/98	4,4'-DDE	0.0024	0.514	U	
979EX001(10.5)	08/17/98	4,4'-DDT	0.0047	0.496	U	
979EX001(10.5)	08/17/98	Aldrin	0.0094	0.06	U	
979EX001(10.5)	08/17/98	Alpha-BHC	0.0094	0.16	U	
979EX001(10.5)	08/17/98	Beta-BHC	0.0094	0.58	U	
979EX001(10.5)	08/17/98	Chlordane	0.094	0.161	U	
979EX001(10.5)	08/17/98	Dieldrin	0.019	0.0469	U	
979EX001(10.5)	08/17/98	Endosulfan (Total)	0.028	908.7	U	
979EX001(10.5)	08/17/98	Endrin	0.019	46.6	U	
979EX001(10.5)	08/17/98	Gamma-BHC (Lindane)	0.0094	0.94	U	
979EX001(10.5)	08/17/98	Heptachlor	0.0094	0.18	U	
979EX001(10.5)	08/17/98	Heptachlor Epoxide	0.0094	0.11	U	
979EX001(10.5)	08/17/98	Methoxychlor	0.094	768.9	U	
979EX001(10.5)	08/17/98	Toxaphene	0.19	0.93	UJ	
979EX001(10.5)	08/17/98	PCBs (Total)	0.643	1.0	U	
979EX001(10.5)	08/17/98	Aroclor-1016	0.094	See Total	U	
979EX001(10.5)	08/17/98	Aroclor-1221	0.079	See Total	U	
979EX001(10.5)	08/17/98	Aroclor-1232	0.094	See Total	U	
979EX001(10.5)	08/17/98	Aroclor-1242	0.094	See Total	U	
979EX001(10.5)	08/17/98	Aroclor-1248	0.094	See Total	U	
979EX001(10.5)	08/17/98	Aroclor-1254	0.094	See Total	U	
979EX001(10.5)	08/17/98	Aroclor-1260	0.094	See Total	U	
979EX001(10.5)	08/17/98	Aluminum	8,200	179,410	J-	
979EX001(10.5)	08/17/98	Antimony	3.5	5	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 99 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX001(10.5)	08/17/98	Arsenic	2.8	4.56	J	
979EX001(10.5)	08/17/98	Barium	95	500	J+	
979EX001(10.5)	08/17/98	Beryllium	0.24	0.33	U	
979EX001(10.5)	08/17/98	Cadmium	0.59	3.99	U	
979EX001(10.5)	08/17/98	Chromium	290	1,300		
979EX001(10.5)	08/17/98	Cobalt	25	159		
979EX001(10.5)	08/17/98	Copper	19	88		
979EX001(10.5)	08/17/98	Lead	55	477	J+	
979EX001(10.5)	08/17/98	Lithium	59	3,495	U	
979EX001(10.5)	08/17/98	Manganese	460	7,456		
979EX001(10.5)	08/17/98	Mercury	0.35	2.79		
979EX001(10.5)	08/17/98	Molybdenum	2.4	885.4	U	
979EX001(10.5)	08/17/98	Nickel	420	5,500		
979EX001(10.5)	08/17/98	Selenium	29	885.4	U	
979EX001(10.5)	08/17/98	Silver	1.2	2.0	U	
979EX001(10.5)	08/17/98	Strontium	52	107,180	J	
979EX001(10.5)	08/17/98	Thallium	5.9	14.21	UJ	
979EX001(10.5)	08/17/98	Tin	12	107,180	U	
979EX001(10.5)	08/17/98	Vanadium	38	76		
979EX001(10.5)	08/17/98	Zinc	64	89		
979EX002(10.5)	08/17/98	cis-1,2-Dichloroethene	0.0052	467	U	
979EX002(10.5)	08/17/98	trans-1,2-Dichloroethene	0.0052	1,027	U	
979EX002(10.5)	08/17/98	Trichloroethene	0.0052	1.3	U	
979EX002(10.5)	08/17/98	Vinyl Chloride	0.01	3.0	U	
979EX002(10.5)	08/17/98	Acetone	0.021	6,300	U	
979EX002(10.5)	08/17/98	Bromodichloromethane	0.0052	1.89	U	
979EX002(10.5)	08/17/98	Bromoform	0.0052	168	U	
979EX002(10.5)	08/17/98	Bromomethane	0.01	20.4	U	
979EX002(10.5)	08/17/98	2-Butanone	0.021	21,300	U	
979EX002(10.5)	08/17/98	Carbon Disulfide	0.0052	22.5	U	
979EX002(10.5)	08/17/98	Carbon Tetrachloride	0.0052	0.69	U	
979EX002(10.5)	08/17/98	Chlorobenzene	0.0052	195	U	
979EX002(10.5)	08/17/98	Chloroethane	0.01	3,300	U	
979EX002(10.5)	08/17/98	Chloroform	0.0052	0.75	U	
979EX002(10.5)	08/17/98	Chloromethane	0.01	3.6	U	
979EX002(10.5)	08/17/98	Dibromochloromethane	0.0052	15.9	U	
979EX002(10.5)	08/17/98	1,2-Dichlorobenzene	0.0052	2,100	U	
979EX002(10.5)	08/17/98	1,3-Dichlorobenzene	0.0052	1,500	U	
979EX002(10.5)	08/17/98	1,4-Dichlorobenzene	0.0052	10.8	U	
979EX002(10.5)	08/17/98	1,1-Dichloroethane	0.0052	1,500	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 100 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX002(10.5)	08/17/98	1,2-Dichloroethane	0.0052	0.75	U	
979EX002(10.5)	08/17/98	1,1-Dichloroethene	0.0052	0.111	U	
979EX002(10.5)	08/17/98	1,2-Dichloropropane	0.0052	0.93	U	
979EX002(10.5)	08/17/98	1,3-Dichloropropene	0.010	0.75	U	
979EX002(10.5)	08/17/98	2-Hexanone	0.021	NA	U	
979EX002(10.5)	08/17/98	4-Methyl-2-Pentanone	0.021	2,310	U	
979EX002(10.5)	08/17/98	Methylene Chloride	0.0052	54	U	
979EX002(10.5)	08/17/98	Styrene	0.0052	2,040	U	
979EX002(10.5)	08/17/98	1,1,2,2-Tetrachloroethane	0.0052	1.35	U	
979EX002(10.5)	08/17/98	Tetrachloroethene	0.0052	15	U	
979EX002(10.5)	08/17/98	1,1,1-Trichloroethane	0.0052	3,600	U	
979EX002(10.5)	08/17/98	1,1,2-Trichloroethane	0.0052	1.95	U	
979EX002(10.5)	08/17/98	Trichlorofluoromethane	0.01	1,140	U	
979EX002(10.5)	08/17/98	Vinyl Acetate	0.01	2,340	U	
979EX002(10.5)	08/17/98	Gasoline	0.52	1,690	U	
979EX002(10.5)	08/17/98	Diesel	10	1,950	U	
979EX002(10.5)	08/17/98	Fuel Oil	52	2,730	U	
979EX002(10.5)	08/17/98	Benzene	0.0052	1.0	U	
979EX002(10.5)	08/17/98	Toluene	0.0052	14	U	
979EX002(10.5)	08/17/98	Ethylbenzene	0.0052	19	U	
979EX002(10.5)	08/17/98	Xylenes (Total)	0.0052	4,340	U	
979EX002(10.5)	08/17/98	Total Carcinogenic PAHs	0.163	253	U	
979EX002(10.5)	08/17/98	Benzo(a)anthracene	0.083	See Total	U	
979EX002(10.5)	08/17/98	Benzo(a)pyrene	0.021	9	U	
979EX002(10.5)	08/17/98	Benzo(b)fluoranthene	0.0083	See Total	U	
979EX002(10.5)	08/17/98	Benzo(k)fluoranthene	0.0083	See Total	U	
979EX002(10.5)	08/17/98	Chrysene	0.042	See Total	U	
979EX002(10.5)	08/17/98	4,4'-DDD	0.017	0.504	U	
979EX002(10.5)	08/17/98	4,4'-DDE	0.0021	0.514	U	
979EX002(10.5)	08/17/98	4,4'-DDT	0.0042	0.496	U	
979EX002(10.5)	08/17/98	Aldrin	0.0083	0.06	U	
979EX002(10.5)	08/17/98	Alpha-BHC	0.0083	0.16	U	
979EX002(10.5)	08/17/98	Beta-BHC	0.0083	0.58	U	
979EX002(10.5)	08/17/98	Chlordane	0.083	0.161	U	
979EX002(10.5)	08/17/98	Dieldrin	0.017	0.0469	U	
979EX002(10.5)	08/17/98	Endosulfan (Total)	0.025	908.7	U	
979EX002(10.5)	08/17/98	Endrin	0.017	46.6	U	
979EX002(10.5)	08/17/98	Gamma-BHC (Lindane)	0.0083	0.94	U	
979EX002(10.5)	08/17/98	Heptachlor	0.0083	0.18	U	
979EX002(10.5)	08/17/98	Heptachlor Epoxide	0.0083	0.11	U	

Footnotes at end of table.
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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 101 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX002(10.5)	08/17/98	Methoxychlor	0.083	768.9	U	
979EX002(10.5)	08/17/98	Toxaphene	0.17	0.93	UJ	
979EX002(10.5)	08/17/98	PCBs (Total)	0.568	1.0	U	
979EX002(10.5)	08/17/98	Aroclor-1016	0.083	See Total	U	
979EX002(10.5)	08/17/98	Aroclor-1221	0.07	See Total	U	
979EX002(10.5)	08/17/98	Aroclor-1232	0.083	See Total	U	
979EX002(10.5)	08/17/98	Aroclor-1242	0.083	See Total	U	
979EX002(10.5)	08/17/98	Aroclor-1248	0.083	See Total	U	
979EX002(10.5)	08/17/98	Aroclor-1254	0.083	See Total	U	
979EX002(10.5)	08/17/98	Aroclor-1260	0.083	See Total	U	
979EX002(10.5)	08/17/98	Aluminum	3,700	179,410	J-	
979EX002(10.5)	08/17/98	Antimony	3.1	5	U	
979EX002(10.5)	08/17/98	Arsenic	2.9	4.56		
979EX002(10.5)	08/17/98	Barium	11	500	J+	
979EX002(10.5)	08/17/98	Beryllium	0.21	0.33	U	
979EX002(10.5)	08/17/98	Cadmium	0.52	3.99	U	
979EX002(10.5)	08/17/98	Chromium	41	1,300		
979EX002(10.5)	08/17/98	Cobalt	6.8	159		
979EX002(10.5)	08/17/98	Copper	2.9	88		
979EX002(10.5)	08/17/98	Lead	10	477	U	
979EX002(10.5)	08/17/98	Lithium	52	3,495	U	
979EX002(10.5)	08/17/98	Manganese	130	7,456		
979EX002(10.5)	08/17/98	Mercury	0.26	2.79	U	
979EX002(10.5)	08/17/98	Molybdenum	2.1	885.4	U	
979EX002(10.5)	08/17/98	Nickel	46	5,500		
979EX002(10.5)	08/17/98	Selenium	26	885.4	U	
979EX002(10.5)	08/17/98	Silver	1	2.0	U	
979EX002(10.5)	08/17/98	Strontium	52	107,180	U	
979EX002(10.5)	08/17/98	Thallium	5.2	14.21	UJ	
979EX002(10.5)	08/17/98	Tin	10	107,180	U	
979EX002(10.5)	08/17/98	Vanadium	18	76		
979EX002(10.5)	08/17/98	Zinc	13	89		
979EX003(10.5)	08/17/98	cis-1,2-Dichloroethene	0.0051	467	U	
979EX003(10.5)	08/17/98	trans-1,2-Dichloroethene	0.0051	1,027	U	
979EX003(10.5)	08/17/98	Trichloroethene	0.0051	1.3	U	
979EX003(10.5)	08/17/98	Vinyl Chloride	0.01	3.0	U	
979EX003(10.5)	08/17/98	Acetone	0.02	6,300	U	
979EX003(10.5)	08/17/98	Bromodichloromethane	0.0051	1.89	U	
979EX003(10.5)	08/17/98	Bromoform	0.0051	168	U	
979EX003(10.5)	08/17/98	Bromomethane	0.01	20.4	U	

Footnotes at end of table.

L:\CF Closure\TBL979.XLS

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 102 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX003(10.5)	08/17/98	2-Butanone	0.02	21,300	U	
979EX003(10.5)	08/17/98	Carbon Disulfide	0.0051	22.5	U	
979EX003(10.5)	08/17/98	Carbon Tetrachloride	0.0051	0.69	U	
979EX003(10.5)	08/17/98	Chlorobenzene	0.0051	195	U	
979EX003(10.5)	08/17/98	Chloroethane	0.01	3,300	U	
979EX003(10.5)	08/17/98	Chloroform	0.0051	0.75	U	
979EX003(10.5)	08/17/98	Chloromethane	0.01	3.6	U	
979EX003(10.5)	08/17/98	Dibromochloromethane	0.0051	15.9	U	
979EX003(10.5)	08/17/98	1,2-Dichlorobenzene	0.0051	2,100	U	
979EX003(10.5)	08/17/98	1,3-Dichlorobenzene	0.0051	1,500	U	
979EX003(10.5)	08/17/98	1,4-Dichlorobenzene	0.0051	10.8	U	
979EX003(10.5)	08/17/98	1,1-Dichloroethane	0.0051	1,500	U	
979EX003(10.5)	08/17/98	1,2-Dichloroethane	0.0051	0.75	U	
979EX003(10.5)	08/17/98	1,1-Dichloroethene	0.0051	0.111	U	
979EX003(10.5)	08/17/98	1,2-Dichloropropane	0.0051	0.93	U	
979EX003(10.5)	08/17/98	1,3-Dichloropropene	0.010	0.75	U	
979EX003(10.5)	08/17/98	2-Hexanone	0.02	NA	U	
979EX003(10.5)	08/17/98	4-Methyl-2-Pentanone	0.02	2,310	U	
979EX003(10.5)	08/17/98	Methylene Chloride	0.0051	54	U	
979EX003(10.5)	08/17/98	Styrene	0.0051	2,040	U	
979EX003(10.5)	08/17/98	1,1,2,2-Tetrachloroethane	0.0051	1.35	U	
979EX003(10.5)	08/17/98	Tetrachloroethene	0.0051	15	U	
979EX003(10.5)	08/17/98	1,1,1-Trichloroethane	0.0051	3,600	U	
979EX003(10.5)	08/17/98	1,1,2-Trichloroethane	0.0051	1.95	U	
979EX003(10.5)	08/17/98	Trichlorofluoromethane	0.01	1,140	U	
979EX003(10.5)	08/17/98	Vinyl Acetate	0.01	2,340	U	
979EX003(10.5)	08/17/98	Gasoline	1	1,690	U	
979EX003(10.5)	08/17/98	Diesel	10	1,950	U	
979EX003(10.5)	08/17/98	Fuel Oil	51	2,730	U	
979EX003(10.5)	08/17/98	Benzene	0.0051	1.0	U	
979EX003(10.5)	08/17/98	Toluene	0.0051	14	U	
979EX003(10.5)	08/17/98	Ethylbenzene	0.0051	19	U	
979EX003(10.5)	08/17/98	Xylenes (Total)	0.0051	4,340	U	
979EX003(10.5)	08/17/98	Total Carcinogenic PAHs	0.159	253	U	
979EX003(10.5)	08/17/98	Benzo(a)anthracene	0.082	See Total	U	
979EX003(10.5)	08/17/98	Benzo(a)pyrene	0.02	9	U	
979EX003(10.5)	08/17/98	Benzo(b)fluoranthene	0.0082	See Total	U	
979EX003(10.5)	08/17/98	Benzo(k)fluoranthene	0.0082	See Total	U	
979EX003(10.5)	08/17/98	Chrysene	0.041	See Total	U	
979EX003(10.5)	08/17/98	4,4'-DDD	0.016	0.504	U	

Footnotes at end of table.
L:\CF Closure\TBL979.XLS

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 103 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX003(10.5)	08/17/98	4,4'-DDE	0.002	0.514	U	
979EX003(10.5)	08/17/98	4,4'-DDT	0.0041	0.496	U	
979EX003(10.5)	08/17/98	Aldrin	0.0082	0.06	U	
979EX003(10.5)	08/17/98	Alpha-BHC	0.0082	0.16	U	
979EX003(10.5)	08/17/98	Beta-BHC	0.0082	0.58	U	
979EX003(10.5)	08/17/98	Chlordane	0.082	0.161	U	
979EX003(10.5)	08/17/98	Dieldrin	0.016	0.0469	U	
979EX003(10.5)	08/17/98	Endosulfan (Total)	0.024	908.7	U	
979EX003(10.5)	08/17/98	Endrin	0.016	46.6	U	
979EX003(10.5)	08/17/98	Gamma-BHC (Lindane)	0.0082	0.94	U	
979EX003(10.5)	08/17/98	Heptachlor	0.0082	0.18	U	
979EX003(10.5)	08/17/98	Heptachlor Epoxide	0.0082	0.11	U	
979EX003(10.5)	08/17/98	Methoxychlor	0.082	768.9	U	
979EX003(10.5)	08/17/98	Toxaphene	0.16	0.93	UJ	
979EX003(10.5)	08/17/98	PCBs (Total)	0.56	1.0	U	
979EX003(10.5)	08/17/98	Aroclor-1016	0.082	See Total	U	
979EX003(10.5)	08/17/98	Aroclor-1221	0.068	See Total	U	
979EX003(10.5)	08/17/98	Aroclor-1232	0.082	See Total	U	
979EX003(10.5)	08/17/98	Aroclor-1242	0.082	See Total	U	
979EX003(10.5)	08/17/98	Aroclor-1248	0.082	See Total	U	
979EX003(10.5)	08/17/98	Aroclor-1254	0.082	See Total	U	
979EX003(10.5)	08/17/98	Aroclor-1260	0.082	See Total	U	
979EX003(10.5)	08/17/98	Aluminum	3,400	179,410	J-	
979EX003(10.5)	08/17/98	Antimony	3.1	5	U	
979EX003(10.5)	08/17/98	Arsenic	3.1	4.56		
979EX003(10.5)	08/17/98	Barium	17	500	J+	
979EX003(10.5)	08/17/98	Beryllium	0.2	0.33	U	
979EX003(10.5)	08/17/98	Cadmium	0.51	3.99	U	
979EX003(10.5)	08/17/98	Chromium	160	1,300		
979EX003(10.5)	08/17/98	Cobalt	10	159		
979EX003(10.5)	08/17/98	Copper	3.5	88		
979EX003(10.5)	08/17/98	Lead	10	477	U	
979EX003(10.5)	08/17/98	Lithium	51	3,495	U	
979EX003(10.5)	08/17/98	Manganese	170	7,456		
979EX003(10.5)	08/17/98	Mercury	0.25	2.79	U	
979EX003(10.5)	08/17/98	Molybdenum	2	885.4	U	
979EX003(10.5)	08/17/98	Nickel	130	5,500		
979EX003(10.5)	08/17/98	Selenium	25	885.4	U	
979EX003(10.5)	08/17/98	Silver	1	2.0	U	
979EX003(10.5)	08/17/98	Strontium	51	107,180	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 104 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX003(10.5)	08/17/98	Thallium	5.1	14.21	UJ	
979EX003(10.5)	08/17/98	Tin	10	107,180	U	
979EX003(10.5)	08/17/98	Vanadium	34	76		
979EX003(10.5)	08/17/98	Zinc	15	89		
979EX004(10.0)	04/29/98	cis-1,2-Dichloroethene	0.0054	467	U	
979EX004(10.0)	04/29/98	trans-1,2-Dichloroethene	0.0054	1,027	U	
979EX004(10.0)	04/29/98	Trichloroethene	0.0054	1.3	U	
979EX004(10.0)	04/29/98	Vinyl Chloride	0.011	3.0	U	
979EX004(10.0)	04/29/98	Acetone	0.022	6,300	UJ	
979EX004(10.0)	04/29/98	Bromodichloromethane	0.0054	1.89	U	
979EX004(10.0)	04/29/98	Bromoform	0.0054	168	U	
979EX004(10.0)	04/29/98	Bromomethane	0.011	20.4	U	
979EX004(10.0)	04/29/98	2-Butanone	0.022	21,300	UJ	
979EX004(10.0)	04/29/98	Carbon Disulfide	0.0054	22.5	UJ	
979EX004(10.0)	04/29/98	Carbon Tetrachloride	0.0054	0.69	U	
979EX004(10.0)	04/29/98	Chlorobenzene	0.0054	195	U	
979EX004(10.0)	04/29/98	Chloroethane	0.011	3,300	U	
979EX004(10.0)	04/29/98	Chloroform	0.0054	0.75	U	
979EX004(10.0)	04/29/98	Chloromethane	0.011	3.6	U	
979EX004(10.0)	04/29/98	Dibromochloromethane	0.0054	15.9	U	
979EX004(10.0)	04/29/98	1,2-Dichlorobenzene	0.0054	2,100	U	
979EX004(10.0)	04/29/98	1,3-Dichlorobenzene	0.0054	1,500	U	
979EX004(10.0)	04/29/98	1,4-Dichlorobenzene	0.0054	10.8	U	
979EX004(10.0)	04/29/98	1,1-Dichloroethane	0.0054	1,500	U	
979EX004(10.0)	04/29/98	1,2-Dichloroethane	0.0054	0.75	U	
979EX004(10.0)	04/29/98	1,1-Dichloroethene	0.0054	0.111	U	
979EX004(10.0)	04/29/98	1,2-Dichloropropane	0.0054	0.93	U	
979EX004(10.0)	04/29/98	1,3-Dichloropropene	0.011	0.75	U	
979EX004(10.0)	04/29/98	2-Hexanone	0.022	NA	U	
979EX004(10.0)	04/29/98	4-Methyl-2-Pentanone	0.022	2,310	U	
979EX004(10.0)	04/29/98	Methylene Chloride	0.0054	54	U	
979EX004(10.0)	04/29/98	Styrene	0.0054	2,040	U	
979EX004(10.0)	04/29/98	1,1,2,2-Tetrachloroethane	0.0054	1.35	U	
979EX004(10.0)	04/29/98	Tetrachloroethene	0.0054	15	U	
979EX004(10.0)	04/29/98	1,1,1-Trichloroethane	0.0054	3,600	U	
979EX004(10.0)	04/29/98	1,1,2-Trichloroethane	0.0054	1.95	U	
979EX004(10.0)	04/29/98	Trichlorofluoromethane	0.011	1,140	U	
979EX004(10.0)	04/29/98	Vinyl Acetate	0.011	2,340	U	
979EX004(10.0)	04/29/98	Gasoline	1.1	1,690	U	
979EX004(10.0)	04/29/98	Diesel	11	1,950	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 105 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX004(10.0)	04/29/98	Fuel Oil	54	2,730	U	
979EX004(10.0)	04/29/98	Benzene	0.0054	1.0	U	
979EX004(10.0)	04/29/98	Toluene	0.0054	14	U	
979EX004(10.0)	04/29/98	Ethylbenzene	0.0054	19	U	
979EX004(10.0)	04/29/98	Xylenes (Total)	0.0054	4,340	U	
979EX004(10.0)	04/29/98	Total Carcinogenic PAHs	0.168	253	U	
979EX004(10.0)	04/29/98	Benzo(a)anthracene	0.086	See Total	U	
979EX004(10.0)	04/29/98	Benzo(a)pyrene	0.022	9	U	
979EX004(10.0)	04/29/98	Benzo(b)fluoranthene	0.0086	See Total	U	
979EX004(10.0)	04/29/98	Benzo(k)fluoranthene	0.0086	See Total	U	
979EX004(10.0)	04/29/98	Chrysene	0.043	See Total	U	
979EX004(10.0)	04/29/98	4,4'-DDD	0.017	0.504	U	
979EX004(10.0)	04/29/98	4,4'-DDE	0.0022	0.514	U	
979EX004(10.0)	04/29/98	4,4'-DDT	0.0043	0.496	U	
979EX004(10.0)	04/29/98	Aldrin	0.0086	0.06	U	
979EX004(10.0)	04/29/98	Alpha-BHC	0.0086	0.16	U	
979EX004(10.0)	04/29/98	Beta-BHC	0.0086	0.58	U	
979EX004(10.0)	04/29/98	Chlordane	0.086	0.161	U	
979EX004(10.0)	04/29/98	Dieldrin	0.017	0.0469	U	
979EX004(10.0)	04/29/98	Endosulfan (Total)	0.026	908.7	U	
979EX004(10.0)	04/29/98	Endrin	0.017	46.6	U	
979EX004(10.0)	04/29/98	Gamma-BHC (Lindane)	0.0086	0.94	U	
979EX004(10.0)	04/29/98	Heptachlor	0.0086	0.18	U	
979EX004(10.0)	04/29/98	Heptachlor Epoxide	0.0086	0.11	U	
979EX004(10.0)	04/29/98	Methoxychlor	0.086	768.9	U	
979EX004(10.0)	04/29/98	Toxaphene	0.17	0.93	U	
979EX004(10.0)	04/29/98	PCBs (Total)	0.588	1.0	U	
979EX004(10.0)	04/29/98	Aroclor-1016	0.086	See Total	U	
979EX004(10.0)	04/29/98	Aroclor-1221	0.072	See Total	U	
979EX004(10.0)	04/29/98	Aroclor-1232	0.086	See Total	U	
979EX004(10.0)	04/29/98	Aroclor-1242	0.086	See Total	U	
979EX004(10.0)	04/29/98	Aroclor-1248	0.086	See Total	U	
979EX004(10.0)	04/29/98	Aroclor-1254	0.086	See Total	U	
979EX004(10.0)	04/29/98	Aroclor-1260	0.086	See Total	U	
979EX004(10.0)	04/29/98	Aluminum	3,830	179,410		
979EX004(10.0)	04/29/98	Antimony	3.2	5	U	
979EX004(10.0)	04/29/98	Arsenic	3.4	4.56		
979EX004(10.0)	04/29/98	Barium	15.4	500		
979EX004(10.0)	04/29/98	Beryllium	0.22	0.33	UJ	
979EX004(10.0)	04/29/98	Cadmium	0.54	3.99	UJ	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 106 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX004(10.0)	04/29/98	Chromium	223	1,300		
979EX004(10.0)	04/29/98	Cobalt	12.9	159		
979EX004(10.0)	04/29/98	Copper	5.3	88		
979EX004(10.0)	04/29/98	Lead	11	477	UJ	
979EX004(10.0)	04/29/98	Lithium	110	3,495	UJ	
979EX004(10.0)	04/29/98	Manganese	217	7,456		
979EX004(10.0)	04/29/98	Mercury	0.27	2.79	U	
979EX004(10.0)	04/29/98	Molybdenum	2.2	885.4	UJ	
979EX004(10.0)	04/29/98	Nickel	262	5,500		
979EX004(10.0)	04/29/98	Selenium	27	885.4	U	
979EX004(10.0)	04/29/98	Silver	1.1	2.0	UJ	
979EX004(10.0)	04/29/98	Strontium	110	107,180	UJ	
979EX004(10.0)	04/29/98	Thallium	5.4	14.21	UJ	
979EX004(10.0)	04/29/98	Tin	22	107,180	UJ	
979EX004(10.0)	04/29/98	Vanadium	23.6	76		
979EX004(10.0)	04/29/98	Zinc	14	89		
979EX004(10.0)DU	04/29/98	cis-1,2-Dichloroethene	0.0052	467	U	979DUP042998A
979EX004(10.0)DU	04/29/98	trans-1,2-Dichloroethene	0.0052	1,027	U	
979EX004(10.0)DU	04/29/98	Trichloroethene	0.0052	1.3	U	
979EX004(10.0)DU	04/29/98	Vinyl Chloride	0.01	3.0	U	
979EX004(10.0)DU	04/29/98	Acetone	0.021	6,300	UJ	
979EX004(10.0)DU	04/29/98	Bromodichloromethane	0.0052	1.89	U	
979EX004(10.0)DU	04/29/98	Bromoform	0.0052	168	U	
979EX004(10.0)DU	04/29/98	Bromomethane	0.01	20.4	U	
979EX004(10.0)DU	04/29/98	2-Butanone	0.021	21,300	UJ	
979EX004(10.0)DU	04/29/98	Carbon Disulfide	0.0052	22.5	UJ	
979EX004(10.0)DU	04/29/98	Carbon Tetrachloride	0.0052	0.69	U	
979EX004(10.0)DU	04/29/98	Chlorobenzene	0.0052	195	U	
979EX004(10.0)DU	04/29/98	Chloroethane	0.01	3,300	U	
979EX004(10.0)DU	04/29/98	Chloroform	0.0052	0.75	U	
979EX004(10.0)DU	04/29/98	Chloromethane	0.01	3.6	U	
979EX004(10.0)DU	04/29/98	Dibromochloromethane	0.0052	15.9	U	
979EX004(10.0)DU	04/29/98	1,2-Dichlorobenzene	0.0052	2,100	U	
979EX004(10.0)DU	04/29/98	1,3-Dichlorobenzene	0.0052	1,500	U	
979EX004(10.0)DU	04/29/98	1,4-Dichlorobenzene	0.0052	10.8	U	
979EX004(10.0)DU	04/29/98	1,1-Dichloroethane	0.0052	1,500	U	
979EX004(10.0)DU	04/29/98	1,2-Dichloroethane	0.0052	0.75	U	
979EX004(10.0)DU	04/29/98	1,1-Dichloroethene	0.0052	0.111	U	
979EX004(10.0)DU	04/29/98	1,2-Dichloropropane	0.0052	0.93	U	
979EX004(10.0)DU	04/29/98	1,3-Dichloropropene	0.010	0.75	U	

Footnotes at end of table.
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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 107 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX004(10.0)DU	04/29/98	2-Hexanone	0.021	NA	U	
979EX004(10.0)DU	04/29/98	4-Methyl-2-Pentanone	0.021	2,310	U	
979EX004(10.0)DU	04/29/98	Methylene Chloride	0.0052	54	U	
979EX004(10.0)DU	04/29/98	Styrene	0.0052	2,040	U	
979EX004(10.0)DU	04/29/98	1,1,2,2-Tetrachloroethane	0.0052	1.35	U	
979EX004(10.0)DU	04/29/98	Tetrachloroethene	0.0052	15	U	
979EX004(10.0)DU	04/29/98	1,1,1-Trichloroethane	0.0052	3,600	U	
979EX004(10.0)DU	04/29/98	1,1,2-Trichloroethane	0.0052	1.95	U	
979EX004(10.0)DU	04/29/98	Trichlorofluoromethane	0.01	1,140	U	
979EX004(10.0)DU	04/29/98	Vinyl Acetate	0.01	2,340	U	
979EX004(10.0)DU	04/29/98	Gasoline	1	1,690	U	
979EX004(10.0)DU	04/29/98	Diesel	10	1,950	U	
979EX004(10.0)DU	04/29/98	Fuel Oil	52	2,730	U	
979EX004(10.0)DU	04/29/98	Benzene	0.0052	1.0	U	
979EX004(10.0)DU	04/29/98	Toluene	0.0052	14	U	
979EX004(10.0)DU	04/29/98	Ethylbenzene	0.0052	19	U	
979EX004(10.0)DU	04/29/98	Xylenes (Total)	0.0052	4,340	U	
979EX004(10.0)DU	04/29/98	Total Carcinogenic PAHs	0.164	253	U	
979EX004(10.0)DU	04/29/98	Benzo(a)anthracene	0.084	See Total	U	
979EX004(10.0)DU	04/29/98	Benzo(a)pyrene	0.021	9	U	
979EX004(10.0)DU	04/29/98	Benzo(b)fluoranthene	0.0084	See Total	U	
979EX004(10.0)DU	04/29/98	Benzo(k)fluoranthene	0.0084	See Total	U	
979EX004(10.0)DU	04/29/98	Chrysene	0.042	See Total	U	
979EX004(10.0)DU	04/29/98	4,4'-DDD	0.017	0.504	U	
979EX004(10.0)DU	04/29/98	4,4'-DDE	0.0021	0.514	U	
979EX004(10.0)DU	04/29/98	4,4'-DDT	0.0042	0.496	U	
979EX004(10.0)DU	04/29/98	Aldrin	0.0084	0.06	U	
979EX004(10.0)DU	04/29/98	Alpha-BHC	0.0084	0.16	U	
979EX004(10.0)DU	04/29/98	Beta-BHC	0.0084	0.58	U	
979EX004(10.0)DU	04/29/98	Chlordane	0.084	0.161	U	
979EX004(10.0)DU	04/29/98	Dieldrin	0.017	0.0469	U	
979EX004(10.0)DU	04/29/98	Endosulfan (Total)	0.025	908.7	U	
979EX004(10.0)DU	04/29/98	Endrin	0.017	46.6	U	
979EX004(10.0)DU	04/29/98	Gamma-BHC (Lindane)	0.0084	0.94	U	
979EX004(10.0)DU	04/29/98	Heptachlor	0.0084	0.18	U	
979EX004(10.0)DU	04/29/98	Heptachlor Epoxide	0.0084	0.11	U	
979EX004(10.0)DU	04/29/98	Methoxychlor	0.084	768.9	U	
979EX004(10.0)DU	04/29/98	Toxaphene	0.17	0.93	U	
979EX004(10.0)DU	04/29/98	PCBs (Total)	0.574	1.0	U	
979EX004(10.0)DU	04/29/98	Aroclor-1016	0.084	See Total	U	

Footnotes at end of table.

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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 108 of 111)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX004(10.0)DU	04/29/98	Aroclor-1221	0.07	See Total	U	
979EX004(10.0)DU	04/29/98	Aroclor-1232	0.084	See Total	U	
979EX004(10.0)DU	04/29/98	Aroclor-1242	0.084	See Total	U	
979EX004(10.0)DU	04/29/98	Aroclor-1248	0.084	See Total	U	
979EX004(10.0)DU	04/29/98	Aroclor-1254	0.084	See Total	U	
979EX004(10.0)DU	04/29/98	Aroclor-1260	0.084	See Total	U	
979EX004(10.0)DU	04/29/98	Aluminum	4,710	179,410		
979EX004(10.0)DU	04/29/98	Antimony	3.1	5	U	
979EX004(10.0)DU	04/29/98	Arsenic	3.2	4.56		
979EX004(10.0)DU	04/29/98	Barium	10.4	500		
979EX004(10.0)DU	04/29/98	Beryllium	0.21	0.33	UJ	
979EX004(10.0)DU	04/29/98	Cadmium	0.52	3.99	UJ	
979EX004(10.0)DU	04/29/98	Chromium	65.4	1,300		
979EX004(10.0)DU	04/29/98	Cobalt	7.7	159		
979EX004(10.0)DU	04/29/98	Copper	3.3	88		
979EX004(10.0)DU	04/29/98	Lead	10	477	UJ	
979EX004(10.0)DU	04/29/98	Lithium	100	3,495	UJ	
979EX004(10.0)DU	04/29/98	Manganese	143	7,456		
979EX004(10.0)DU	04/29/98	Mercury	0.26	2.79	U	
979EX004(10.0)DU	04/29/98	Molybdenum	2.1	885.4	UJ	
979EX004(10.0)DU	04/29/98	Nickel	55.6	5,500		
979EX004(10.0)DU	04/29/98	Selenium	26	885.4	U	
979EX004(10.0)DU	04/29/98	Silver	1	2.0	UJ	
979EX004(10.0)DU	04/29/98	Strontium	100	107,180	UJ	
979EX004(10.0)DU	04/29/98	Thallium	5.2	14.21	UJ	
979EX004(10.0)DU	04/29/98	Tin	21	107,180	UJ	
979EX004(10.0)DU	04/29/98	Vanadium	21.6	76		
979EX004(10.0)DU	04/29/98	Zinc	15.3	89		
979EX005(11.0)	04/29/98	cis-1,2-Dichloroethene	0.0059	467	U	
979EX005(11.0)	04/29/98	trans-1,2-Dichloroethene	0.0059	1,027	U	
979EX005(11.0)	04/29/98	Trichloroethene	0.0059	1.3	U	
979EX005(11.0)	04/29/98	Vinyl Chloride	0.012	3.0	U	
979EX005(11.0)	04/29/98	Acetone	0.024	6,300	UJ	
979EX005(11.0)	04/29/98	Bromodichloromethane	0.0059	1.89	U	
979EX005(11.0)	04/29/98	Bromoform	0.0059	168	U	
979EX005(11.0)	04/29/98	Bromomethane	0.012	20.4	U	
979EX005(11.0)	04/29/98	2-Butanone	0.024	21,300	UJ	
979EX005(11.0)	04/29/98	Carbon Disulfide	0.0059	22.5	UJ	
979EX005(11.0)	04/29/98	Carbon Tetrachloride	0.0059	0.69	U	
979EX005(11.0)	04/29/98	Chlorobenzene	0.0059	195	U	

Footnotes at end of table.
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Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 109 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX005(11.0)	04/29/98	Chloroethane	0.012	3,300	U	
979EX005(11.0)	04/29/98	Chloroform	0.0059	0.75	U	
979EX005(11.0)	04/29/98	Chloromethane	0.012	3.6	U	
979EX005(11.0)	04/29/98	Dibromochloromethane	0.0059	15.9	U	
979EX005(11.0)	04/29/98	1,2-Dichlorobenzene	0.0059	2,100	U	
979EX005(11.0)	04/29/98	1,3-Dichlorobenzene	0.0059	1,500	U	
979EX005(11.0)	04/29/98	1,4-Dichlorobenzene	0.0059	10.8	U	
979EX005(11.0)	04/29/98	1,1-Dichloroethane	0.0059	1,500	U	
979EX005(11.0)	04/29/98	1,2-Dichloroethane	0.0059	0.75	U	
979EX005(11.0)	04/29/98	1,1-Dichloroethene	0.0059	0.111	U	
979EX005(11.0)	04/29/98	1,2-Dichloropropane	0.0059	0.93	U	
979EX005(11.0)	04/29/98	1,3-Dichloropropene	0.012	0.75	U	
979EX005(11.0)	04/29/98	2-Hexanone	0.024	NA	U	
979EX005(11.0)	04/29/98	4-Methyl-2-Pentanone	0.024	2,310	U	
979EX005(11.0)	04/29/98	Methylene Chloride	0.0059	54	U	
979EX005(11.0)	04/29/98	Styrene	0.0059	2,040	U	
979EX005(11.0)	04/29/98	1,1,2,2-Tetrachloroethane	0.0059	1.35	U	
979EX005(11.0)	04/29/98	Tetrachloroethene	0.0059	15	U	
979EX005(11.0)	04/29/98	1,1,1-Trichloroethane	0.0059	3,600	U	
979EX005(11.0)	04/29/98	1,1,2-Trichloroethane	0.0059	1.95	U	
979EX005(11.0)	04/29/98	Trichlorofluoromethane	0.012	1,140	U	
979EX005(11.0)	04/29/98	Vinyl Acetate	0.012	2,340	U	
979EX005(11.0)	04/29/98	Gasoline	1.2	1,690	U	
979EX005(11.0)	04/29/98	Diesel	12	1,950	U	
979EX005(11.0)	04/29/98	Fuel Oil	59	2,730	U	
979EX005(11.0)	04/29/98	Benzene	0.0059	1.0	U	
979EX005(11.0)	04/29/98	Toluene	0.0059	14	U	
979EX005(11.0)	04/29/98	Ethylbenzene	0.0059	19	U	
979EX005(11.0)	04/29/98	Xylenes (Total)	0.0059	4,340	U	
979EX005(11.0)	04/29/98	Total Carcinogenic PAHs	0.185	253	U	
979EX005(11.0)	04/29/98	Benzo(a)anthracene	0.095	See Total	U	
979EX005(11.0)	04/29/98	Benzo(a)pyrene	0.024	9	U	
979EX005(11.0)	04/29/98	Benzo(b)fluoranthene	0.0095	See Total	U	
979EX005(11.0)	04/29/98	Benzo(k)fluoranthene	0.0095	See Total	U	
979EX005(11.0)	04/29/98	Chrysene	0.047	See Total	U	
979EX005(11.0)	04/29/98	4,4'-DDD	0.019	0.504	U	
979EX005(11.0)	04/29/98	4,4'-DDE	0.0024	0.514	U	
979EX005(11.0)	04/29/98	4,4'-DDT	0.0047	0.496	U	
979EX005(11.0)	04/29/98	Aldrin	0.0095	0.06	U	
979EX005(11.0)	04/29/98	Alpha-BHC	0.0095	0.16	U	

Footnotes at end of table.
L:\CF Closure\TBL979.XLS

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 110 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX005(11.0)	04/29/98	Beta-BHC	0.0095	0.58	U	
979EX005(11.0)	04/29/98	Chlordane	0.095	0.161	U	
979EX005(11.0)	04/29/98	Dieldrin	0.019	0.0469	U	
979EX005(11.0)	04/29/98	Endosulfan (Total)	0.029	908.7	U	
979EX005(11.0)	04/29/98	Endrin	0.019	46.6	U	
979EX005(11.0)	04/29/98	Gamma-BHC (Lindane)	0.0095	0.94	U	
979EX005(11.0)	04/29/98	Heptachlor	0.0095	0.18	U	
979EX005(11.0)	04/29/98	Heptachlor Epoxide	0.0095	0.11	U	
979EX005(11.0)	04/29/98	Methoxychlor	0.095	768.9	U	
979EX005(11.0)	04/29/98	Toxaphene	0.19	0.93	U	
979EX005(11.0)	04/29/98	PCBs (Total)	0.665	1.0	U	
979EX005(11.0)	04/29/98	Aroclor-1016	0.095	See Total	U	
979EX005(11.0)	04/29/98	Aroclor-1221	0.095	See Total	U	
979EX005(11.0)	04/29/98	Aroclor-1232	0.095	See Total	U	
979EX005(11.0)	04/29/98	Aroclor-1242	0.095	See Total	U	
979EX005(11.0)	04/29/98	Aroclor-1248	0.095	See Total	U	
979EX005(11.0)	04/29/98	Aroclor-1254	0.095	See Total	U	
979EX005(11.0)	04/29/98	Aroclor-1260	0.095	See Total	U	
979EX005(11.0)	04/29/98	Aluminum	3,750	179,410		
979EX005(11.0)	04/29/98	Antimony	3.6	5	U	
979EX005(11.0)	04/29/98	Arsenic	4	4.56		
979EX005(11.0)	04/29/98	Barium	9.7	500		
979EX005(11.0)	04/29/98	Beryllium	0.24	0.33	UJ	
979EX005(11.0)	04/29/98	Cadmium	0.59	3.99	UJ	
979EX005(11.0)	04/29/98	Chromium	76.1	1,300		
979EX005(11.0)	04/29/98	Cobalt	10	159		
979EX005(11.0)	04/29/98	Copper	3.7	88		
979EX005(11.0)	04/29/98	Lead	12	477	UJ	
979EX005(11.0)	04/29/98	Lithium	120	3,495	UJ	
979EX005(11.0)	04/29/98	Manganese	201	7,456		
979EX005(11.0)	04/29/98	Mercury	0.3	2.79	U	
979EX005(11.0)	04/29/98	Molybdenum	2.4	885.4	UJ	
979EX005(11.0)	04/29/98	Nickel	106	5,500		
979EX005(11.0)	04/29/98	Selenium	30	885.4	U	
979EX005(11.0)	04/29/98	Silver	1.2	2.0	UJ	
979EX005(11.0)	04/29/98	Strontium	120	107,180	UJ	
979EX005(11.0)	04/29/98	Thallium	5.9	14.21	UJ	
979EX005(11.0)	04/29/98	Tin	24	107,180	UJ	

Table A - 8
Building 979 (Soil)
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 111 of 111)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level or RBML ^b (mg/kg)	Qualifier ^c	Comments
979EX005(11.0)	04/29/98	Vanadium	18.7	76		
979EX005(11.0)	04/29/98	Zinc	15.5	89		

^a milligrams per kilogram

^b Soil cleanup levels and Recreational Benchmark Management Levels (RBMLs) established as specified in the *Final Remedial Action Plan, Crissy Field Area (Army, 1998)*

^c Qualifiers

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample

UU - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately measure the analyte in the sample.

"-" - Analytical result biased low

"+" - Analytical result biased high

^d Depth of sample in feet below original ground surface is in parentheses

^e Sample collected from beneath 55 gallon drum, associated with soil removed/disposed.

^f no applicable cleanup level or RBML

^g polycyclic aromatic hydrocarbons

^h Cleanup level for Total Carcinogenic PAHs applicable

ⁱ 4,4'-dichlorodiphenyl dichloroethane

^j 4,4'-dichlorodiphenyl dichloroethene

^k 4,4'-dichlorodiphenyl trichloroethane

^l polycyclic biphenyls

^m Cleanup level for Total PCBs applicable

ⁿ duplicate sample

^o Sample identification number as it appears on chain-of-custody forms

Checked by: MB 6-2-99

Approved by: Cj Penhale 6/2/99

ANALYTICAL DATA SHEETS FOR
CONTINGENCY SITE 020201-1000



ANALYTICAL LABORATORIES, SINCE 1878

2323 FIFTH STREET
BERKELEY, CA 94710
PHONE (510) 486-0900
FAX (510) 486-0532

THE FOLLOWING FACSIMILE CONTAINS CONFIDENTIAL INFORMATION WHICH MAY BE LEGALLY PRIVILEGED AND WHICH IS INTENDED ONLY FOR THE USE OF THE ADDRESSEE(S) NAMED BELOW. IF YOU ARE NOT THE INTENDED RECIPIENT OF THIS FACSIMILE, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING IT TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION OR COPYING OF THIS FACSIMILE IS STRICTLY PROHIBITED. IF YOU RECEIVED THIS FACSIMILE IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL FACSIMILE TO US AT THE ABOVE ADDRESS BY RETURN MAIL. THANK YOU

TO	<u>George Ford</u>	FROM	<u>Patricia Flynn (pat@ctberk.com)</u>
COMPANY	<u>4th Presidio Trust</u>	DATE	<u>2/9/01</u>
FAX NUMBER	<u>415 561-2132</u>	PHONE NUMBER	<u>(510) 486-0925 ext. 146</u>
PHONE NUMBER		TOTAL NO. OF PAGES INCLUDING COVER:	<u>8</u>
RE			

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS.

Results - 8270, Pesticide + PCB
CFTM-1
CFTM-2



Curtis & Tompkins, Ltd

Semi-volatile Organics by GC/MS

Lab #:	150088	Prep:	EPA 3550
Client:	Presidio Trust	Analysis:	EPA 8270C
Project#:	STANDARD		
Field ID:	CFTM-1	Batch#:	61293
Lab ID:	150088-001	Sampled:	02/02/01
Matrix:	Soil	Received:	02/02/01
Units:	ug/Kg	Prepared:	02/05/01
Basis:	wet	Analyzed:	02/06/01
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl)ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
3-,4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	1,600
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,600
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	1,600
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1,600
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND b	1,600
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1,600
4-Nitrophenol	ND	1,600
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	1,600
4,6-Dinitro-2-methylphenol	ND	1,600
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1,600
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330

b= See narrative
 ND= Not Detected
 RL= Reporting Limit
 Page 1 of 2



Curtis & Tompkins, Ltd.

Semi-volatile Organics by GC/MS

Lab #:	150088	Prep:	EPA 3550
Client:	Presidio Trust	Analysis:	EPA 8270C
Project#:	STANDARD		
Field ID:	CFTM-1	Batch#:	61293
Lab ID:	150088-001	Sampled:	02/02/01
Matrix:	Soil	Received:	02/02/01
Units:	ug/Kg	Prepared:	02/05/01
Basis:	wet	Analyzed:	02/06/01
Diln Fac:	1.000		

Analyte	Result	RL
Fluoranthene	ND	330
Pyrene	ND	330
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	1,600
Benzo(a)anthracene	ND	330
Chrysene	ND	330
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330
Benzo(a)pyrene	ND	330
Indeno(1,2,3-cd)pyrene	ND	330
Dibenz(a,h)anthracene	ND	330
Benzo(a,h,i)perylene	ND	330

Surrogate	RLC	RL
2-Fluorophenol	84	40-134
Phenol-d5	96	39-135
2,4,6-Tribromophenol	83	16-131
Nitrobenzene-d5	96	38-131
2-Fluorobiphenyl	93	45-129
Terphenyl-d14	95	41-140



Curtis & Tompkins, Ltd.

Semi-volatile Organics by GC/MS

Lab #:	150088	Prep:	EPA 3550
Client:	Presidio Trust	Analysis:	EPA 8270C
Project#:	STANDARD		
Field ID:	CFTM-2	Batch#:	61293
Lab ID:	150088-002	Sampled:	02/02/01
Matrix:	Soil	Received:	02/02/01
Units:	ug/Kg	Prepared:	02/05/01
Basis:	wet	Analyzed:	02/06/01
Diln Fac:	1,000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
3,4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	1,700
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	1,700
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1,700
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND b	1,700
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1,700
4-Nitrophenol	ND	1,700
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	1,700
4,6-Dinitro-2-methylphenol	ND	1,700
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1,700
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330

b= See narrative

ND= Not Detected

RL= Reporting Limit

Page 1 of 2



Curtis & Tompkins, Ltd.

Semi-volatile Organics by GC/MS

Lab #:	150088	Prep:	EPA 3550
Client:	Presidio Trust	Analysis:	EPA 8270C
Project#:	STANDARD		
Field ID:	CFTM-2	Batch#:	61293
Lab ID:	150088-002	Sampled:	02/02/01
Matrix:	Soil	Received:	02/02/01
Units:	ug/Kg	Prepared:	02/05/01
Basis:	wet	Analyzed:	02/06/01
Diln Fac:	1.000		

Analyte	Result	RL
Fluoranthene	ND	330
Pyrene	ND	330
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	1,700
Benzo(a)anthracene	ND	330
Chrysene	ND	330
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330
Benzo(a)pyrene	ND	330
Indeno(1,2,3-cd)pyrene	ND	330
Dibenz(a,h)anthracene	ND	330
Benzo(g,h,i)perylene	ND	330

Surrogates	RLC	RL
2-Fluorophenol	81	40-134
Phenol-d5	88	39-135
2,4,6-Tribromophenol	76	16-131
Nitrobenzene-d5	90	38-131
2-Fluorobiphenyl	86	45-129
Terphenyl-d14	90	41-140

**Calscience
Environmental
Laboratories, Inc.**

February 09, 2001

Patricia Flynn
Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710

Subject: **Calscience Work Order No.: 01-02-0147**
Client Reference: 150088

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 2/5/01 and analyzed in accordance with the attached chain of custody

The results in this analytical report are limited to the samples tested and any reproduction of this report must be made in its entirety.

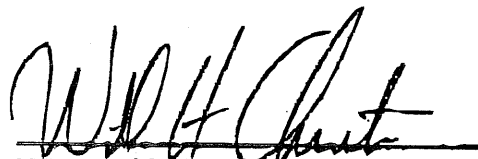
If you have any questions regarding this report, require sampling supplies or field services, or information on our analytical services, please feel free to call me at (714) 895-5494.

Sincerely,

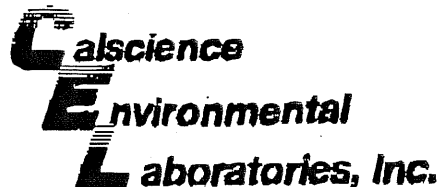


Calscience Environmental
Laboratories, Inc.

Jody McInerney
Project Manager



William H. Christensen
Quality Assurance Manager



ANALYTICAL REPORT

Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710

Date Received: 02/05/01
Work Order No: 01-02-0147
Preparation: EPA 3545
Method: EPA 8081A/8082

Project: 150088

Page 1 of 2

Client Sample Number:

Lab Sample
Number:Date
Collected:

Matrix:

Date
Prepared:Date
Analyzed:

QC Batch ID:

CFTM-1 01-02-0147-1 02/02/01 Solid 02/05/01 02/06/01 010205-4

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Alpha-BHC	ND	5.0	1		ug/kg	4,4'-DDT	ND	5.0	1		ug/kg
Gamma-BHC	ND	5.0	1		ug/kg	Endosulfan Sulfate	ND	5.0	1		ug/kg
Beta-BHC	ND	5.0	1		ug/kg	Methoxychlor	ND	5.0	1		ug/kg
Heptachlor	ND	5.0	1		ug/kg	Chlordane	ND	50	1		ug/kg
Delta-BHC	ND	5.0	1		ug/kg	Toxaphene	ND	100	1		ug/kg
Aldrin	ND	5.0	1		ug/kg	Aroclor-1016	ND	50	1		ug/kg
Heptachlor Epoxide	ND	5.0	1		ug/kg	Aroclor-1221	ND	50	1		ug/kg
Endosulfan I	ND	5.0	1		ug/kg	Aroclor-1232	ND	50	1		ug/kg
Dieldrin	ND	5.0	1		ug/kg	Aroclor-1242	ND	50	1		ug/kg
4,4'-DDE	ND	5.0	1		ug/kg	Aroclor-1248	ND	50	1		ug/kg
Endrin	ND	5.0	1		ug/kg	Aroclor-1254	ND	50	1		ug/kg
Endrin Alddehyde	ND	5.0	1		ug/kg	Aroclor-1260	ND	50	1		ug/kg
4'-DDD	ND	5.0	1		ug/kg	Aroclor-1262	ND	50	1		ug/kg
Endosulfan II	ND	5.0	1		ug/kg	Endrin Ketone	ND	5.0	1		ug/kg

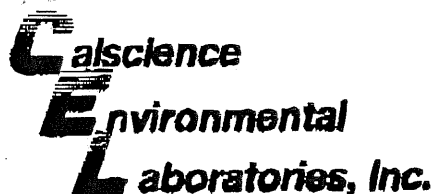
Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	94	50-130		2,4,5,6-Tetrachloro-m-Xylene	85	50-130	

CFTM-2 01-02-0147-2 02/02/01 Solid 02/05/01 02/06/01 010205-4

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Alpha-BHC	ND	5.0	1		ug/kg	4,4'-DDT	ND	5.0	1		ug/kg
Gamma-BHC	ND	5.0	1		ug/kg	Endosulfan Sulfate	ND	5.0	1		ug/kg
Beta-BHC	ND	5.0	1		ug/kg	Methoxychlor	ND	5.0	1		ug/kg
Heptachlor	ND	5.0	1		ug/kg	Chlordane	ND	50	1		ug/kg
Delta-BHC	ND	5.0	1		ug/kg	Toxaphene	ND	100	1		ug/kg
Aldrin	ND	5.0	1		ug/kg	Aroclor-1016	ND	50	1		ug/kg
Heptachlor Epoxide	ND	5.0	1		ug/kg	Aroclor-1221	ND	50	1		ug/kg
Endosulfan I	ND	5.0	1		ug/kg	Aroclor-1232	ND	50	1		ug/kg
Dieldrin	ND	5.0	1		ug/kg	Aroclor-1242	ND	50	1		ug/kg
4'-DDE	ND	5.0	1		ug/kg	Aroclor-1248	ND	50	1		ug/kg
Endrin	ND	5.0	1		ug/kg	Aroclor-1254	ND	50	1		ug/kg
Endrin Alddehyde	ND	5.0	1		ug/kg	Aroclor-1260	ND	50	1		ug/kg
4'-DDD	ND	5.0	1		ug/kg	Aroclor-1262	ND	50	1		ug/kg
Endosulfan II	ND	5.0	1		ug/kg	Endrin Ketone	ND	5.0	1		ug/kg

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	108	50-130		2,4,5,6-Tetrachloro-m-Xylene	100	50-130	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers



ANALYTICAL REPORT

Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710

Date Received: 02/05/01
Work Order No: 01-02-0147
Preparation: EPA 3545
Method: EPA 8081A/8082

Project: 150088

Page 2 of 2

Client Sample Number:

Lab Sample
Number:Date
Collected:

Matrix

Date
Prepared:Date
Analyzed:

QC Batch ID:

Method: Blank

01-02-0147-2,023

N/A

Solid

02/05/01

02/07/01

010208-4

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
para-BHC	ND	5.0	1		ug/kg	4,4'-DDT	ND	5.0	1		ug/kg
Gamma-BHC	ND	5.0	1		ug/kg	Endosulfan Sulfate	ND	5.0	1		ug/kg
Beta-BHC	ND	5.0	1		ug/kg	Methoxychlor	ND	5.0	1		ug/kg
gamma-chlor	ND	5.0	1		ug/kg	Chlordane	ND	50	1		ug/kg
delta-BHC	ND	5.0	1		ug/kg	Toxaphene	ND	100	1		ug/kg
Aldrin	ND	5.0	1		ug/kg	Aroclor-1016	ND	50	1		ug/kg
Heptachlor Epoxide	ND	5.0	1		ug/kg	Aroclor-1221	ND	50	1		ug/kg
Endosulfan I	ND	5.0	1		ug/kg	Aroclor-1232	ND	50	1		ug/kg
Dieldrin	ND	5.0	1		ug/kg	Aroclor-1242	ND	50	1		ug/kg
4,4'-DDE	ND	5.0	1		ug/kg	Aroclor-1248	ND	50	1		ug/kg
Endrin	ND	5.0	1		ug/kg	Aroclor-1254	ND	50	1		ug/kg
Endrin Aldehyde	ND	5.0	1		ug/kg	Aroclor-1260	ND	50	1		ug/kg
4'-DDD	ND	5.0	1		ug/kg	Aroclor-1262	ND	50	1		ug/kg
Endosulfan II	ND	5.0	1		ug/kg	Endrin Ketone	ND	5.0	1		ug/kg

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,2,4-trichlorobiphenyl	114	50-130		2,4,5,6-Tetrachloro-m-Xylene	94	50-130	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510)486-0900 V
(510)486-0532 F

FACSIMILE TRANSMISSION
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TO: George Ford
Presidio Trust
The Presidio of S.F., CA

FAX #: (415) 561-4200 2/32

FROM: Patricia Flynn

SUBJECT: Analytical Results for Login 150088

DATE: 2/5/01
PAGE 1 of 4

*** If you would like to receive your reports via email (PDF format), please _____
_____ contact your project manager for details. _____

metals will be faxed this afternoon



Curtis & Tompkins, Ltd

Total Extractable Hydrocarbons

Lab #:	150088	Prep:	SHAKER TABLE
Client:	Presidio Trust	Analysis:	EPA 8015M
Project#:	STANDARD		
Matrix:	Soil	Batch#:	61264
Units:	mg/Kg	Sampled:	02/02/01
Basis:	wet	Received:	02/02/01
Diln Fac:	1.000	Prepared:	02/02/01

Field ID:	CFTM-1	Lab ID:	150088-001
Type:	SAMPLE	Analyzed:	02/04/01

Analyte	Result	RL
---------	--------	----

Diesel C10-C24	ND	10
Motor Oil C24-C36	ND	50

Surrogate	%REC	Limit
-----------	------	-------

Hexacosane	99	60-136
------------	----	--------

Field ID:	CFTM-2	Lab ID:	150088-002
Type:	SAMPLE	Analyzed:	02/04/01

Analyte	Result	RL
---------	--------	----

Diesel C10-C24	13 Y	10
Motor Oil C24-C36	ND	50

Surrogate	%REC	Limit
-----------	------	-------

Hexacosane	107	60-136
------------	-----	--------

Type:	BLANK	Analyzed:	02/03/01
Lab ID:	QC136634		

Analyte	Result	RL
---------	--------	----

Diesel C10-C24	ND	9.9
Motor Oil C24-C36	ND	50

Surrogate	%REC	Limit
-----------	------	-------

Hexacosane	106	60-136
------------	-----	--------

= Sample exhibits fuel pattern which does not resemble standard

ND= Not Detected

RL= Reporting Limit

Page 1 of 1



Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	150088	Prep:	EPA 5030
Client:	Presidio Trust	Analysis:	EPA 8260B
Project#:	STANDARD		
Field ID:	CFTM-1	Diln Fac:	1.000
Lab ID:	150088-001	Batch#:	61245
Matrix:	Soil	Sampled:	02/02/01
Units:	ug/Kg	Received:	02/02/01
Basis:	Wet	Analyzed:	02/03/01

Analyte	Result	RL
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Preon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethane	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0

Surrogate	PPM	Limit
1,2-Dichloroethane-d4	98	76-127
Toluene-d8	99	80-111
Bromofluorobenzene	99	77-126



Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	150088	Prep:	EPA 5030
Client:	Presidio Trust	Analysis:	EPA 8260B
Project#:	STANDARD		
Field ID:	CFTM-2	Diln Fac:	0.9615
Lab ID:	150088-002	Batch#:	61278
Matrix:	Soil	Sampled:	02/02/01
Units:	ug/Kg	Received:	02/02/01
Basis:	wet	Analyzed:	02/05/01

Analyte	Result	RL
Chloromethane	ND	9.6
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Chloroethane	ND	9.6
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
Chloroform	ND	4.8
1,1,1-Trichloroethane	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
Tetrachloroethene	ND	4.8
Dibromochloromethane	ND	4.8
Chlorobenzene	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8

Analyte	97	98	Limit
1,2-Dichloroethane-d4	97	76	127
Toluene-d8	99	80	111
Bromofluorobenzene	98	77	126

 *** TX REPORT ***

TRANSMISSION OK

TX/RX NO 1317
 CONNECTION TEL 815104860532
 SUBADDRESS
 CONNECTION ID
 ST. TIME 02/02 17:22
 USAGE T 00'32
 PGS. SENT 2
 RESULT OK



4:30 2-2-01

Pat Flynn called: 8270
 results will take until
 Tues. mid-day.

34 Graham Street, Post Office Box 29052
 San Francisco, California 94129-0052
 415/561-4292 fax 561-2132 gford@presidiotrust.gov

FACSIMILE TRANSMITTAL SHEET

TO: Pat Flynn	FROM: George Ford
ORGANIZATION: Curtis & Tompkins	DATE: February 2, 2001
FAX NUMBER: 510-486-0532	TOTAL NO. OF PAGES INCLUDING COVER: 2
PHONE NUMBER:	
RE: 2-2-01 Soil sample	

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Chain of custody for samples delivered to lab today. In case C.O.C. fax is unclear, we want:

Title 22 Metals

EPA 8240, 8270

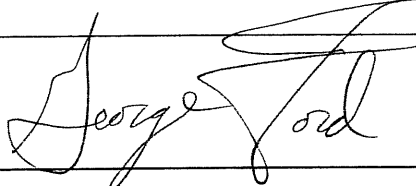
TPH-gas, diesel, motor oil by 8015m

NTRF



34 Graham Street, Post Office Box 29052
San Francisco, California 94129-0052
415/561-4292 fax 561-2132 gford@presidiotrust.gov

FACSIMILE TRANSMITTAL SHEET	
TO: Pat Flynn	FROM: George Ford
ORGANIZATION: Curtis & Tompkins	DATE: February 2, 2001
FAX NUMBER: 510-486-0532	TOTAL NO. OF PAGES INCLUDING COVER: 2
PHONE NUMBER:	
RE: 2-2-01 Soil sample	
<input type="checkbox"/> URGENT <input type="checkbox"/> FOR REVIEW <input type="checkbox"/> PLEASE COMMENT <input type="checkbox"/> PLEASE REPLY <input type="checkbox"/> PLEASE RECYCLE	
NOTES/COMMENTS: Chain of custody for samples delivered to lab today. In case C.O.C. fax is unclear, we want: Title 22 Metals EPA 8240, 8270 TPH-gas, diesel, motor oil by 8015m BTEX and MTBE EPA 8081/8082 pesticides, PCBs.	

Thanks. 

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PS - We'll call with a P.O. number on Monday.
~~PPS - 8270 results on Tuesday AM~~

Page 1 of 1
Analyses

2323 Fifth Street
Berkeley, CA 94710
(510)486-0900 Phone
(510)486-0532 Fax

LOGIN #

Turnaround Time: 1/24 hours #

Fax: 415-561-2132

[illegible]

~~RELINQUISHED BY:~~

RECEIVED BY:

Need results Monday afternoon
2-5-01

RELINQUISHED BY:

2/20/1545
DATE/TIME

DATE/TIME

DATE/TIME

45 *[Signature]* 3-29-1541
DATE/TIME

DATE/TIME

DATE/TIME

DATE/TIME

Signature

Analyses

(510)486-0532 Fax.

LOGIN #

Sampler: George Ford

Report To:

Company : Presidio Trust

Telephone: 415-561-4292

Fax: 415-561-2132

Project No:

Project Name:

Project P.O.:

Turnaround Time: 24 hours +

Notes:

Need results Monday afternoon
2-5-01

RELINQUISHED BY:

RECEIVED BY:

2/20/1545
DATE/TIME

2-20-1548
DATE/TIME

DATE/TIME

DATE/TIME

DATE/TIME

DATE/TIME

Signature

Page 1 of 1

(510)486-0532 Fax

LOGIN # _____

Sampler: George Ford

Report To:

Company : Presidio Trust

Telephone: 415-561-9292

Fax: 415-561-2132

Project No:

Project Name:

Project P.O.:

Turnaround Time: 24 hours

Laboratory Number	Sample ID.	Sampling Date Time	Matrix				# of Containers	Preservative				Field Notes
			Soil	Water	Waste			HCL	H ₂ SO	HNO ₃	ICE	
	CFTM-①	2-2-01/1515	X				1					
	CFTM-②	2-2-01/1520	X				1					
For ratory Use												

Notes:

Need results Monday afternoon
2-5-01

RELINQUISHED BY:

[Signature]
DATE/TIME 2/2/01 1545

[Signature]
DATE/TIME 2/2/01 1630

DATE/TIME

RECEIVED BY:

[Signature]
DATE/TIME 2-2-01 1545

[Signature]
DATE/TIME 2/2/01 1630

DATE/TIME

Signature

 *** TX REPORT ***

TRANSMISSION OK

TX/RX NO 1320
 CONNECTION TEL 4410
 SUBADDRESS
 CONNECTION ID
 ST. TIME 02/05 16:32
 USAGE T 01'36
 PGS. SENT 5
 RESULT OK

VIA FACSIMILE

February 5, 2001

Mr. Jim Ponton
 Regional Water Quality Control Board
 San Francisco Bay Region
 1515 Clay Street, Suite 1400
 Oakland, CA 94612

Mr. Bob Boggs
 Department of Toxic Substances Control
 700 Heinz Avenue, Bldg. F, Suite 200
 Berkeley, CA 94710-2721

Mr. Michael Work
 EPA Region 9
 75 Hawthorne Street
 San Francisco, CA 94105-3901

Subject: Crissy Field Area Contingency Action Notification:
 Stained Soil at the West End of the Tidal Marsh
 Site Number 020201-1000
 Area A, Presidio of San Francisco

Gentlemen:

This letter documents the discovery of stained soil found near the northwest corner of the Crissy Field tidal marsh. We are submitting this notification in accordance with the requirements of the September, 1998 Final Contingency Action Plan, Crissy Field Area Restoration Project, Presidio of San Francisco (Final Contingency Action Plan), prepared by the US Army and the Golden Gate National Parks Association.

Post-it® Fax Note 7671		Date 2-5-01	# of pages 2
To Brian U.		From George F.	
Co./Dept.		Co.	
Phone #		Phone #	
Fax #		Fax #	

Curtis & Tompkins, Ltd
Analytical Laboratories, Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510)486-0900 V
(510)486-0532 F

CF Contingency Site
020201

FACSIMILE TRANSMISSION
FACSIMILE TRANSMISSION
FACSIMILE TRANSMISSION

TO. George Ford
Presidio Trust
The Presidio of S.F., CA

FAX #. (415) 561-~~4270~~ 2132

FROM: Patricia Flynn

SUBJECT. Analytical Results for Login 150088

DATE: 2/5/01
PAGE 1 of 5

*** If you would like to receive your reports via email (PDF format), please _____
_____ contact your project manager for details. _____

~~metals will be faxed this afternoon~~

THG + BTEX + MTBE and Metals
results



Curtis & Tompkins, Ltd

Gasoline by GC/FID CA LUFT

Lab #:	150088	Prep:	EPA 5030
Client:	Presidio Trust	Analysis:	EPA 8015M
Project#:	STANDARD		
Matrix:	Soil	Batch#:	61263
Units:	mg/Kg	Sampled:	02/02/01
Basis:	WET	Received:	02/02/01
Diln Fac:	1.000		

Field ID: CFTM-1 Lab ID: 150088-001
 Type: SAMPLE Analyzed: 02/03/01

Analyte	Result	RL
Gasoline C7-C12	ND	0.99

Surrogate	%REC	Limits
Trifluorotoluene (FID)	112	62-138
Bromofluorobenzene (FID)	145	46-150

Field ID: CFTM-2 Lab ID: 150088-002
 Type: SAMPLE Analyzed: 02/03/01

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	123	62-138
Bromofluorobenzene (FID)	116	46-150

Type: BLANK Analyzed: 02/02/01
 Lab ID: QC136625

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	122	62-138
Bromofluorobenzene (FID)	122	46-150

ND= Not Detected

L= Reporting Limit

Page 1 of 1



Curtis & Tompkins, Ltd.

Benzene, Toluene, Ethylbenzene, Xylenes

Lab #:	150088	Prep:	EPA 5030
Client:	Presidio Trust	Analysis:	EPA 8021B
Project#:	STANDARD		
Matrix:	Soil	Batch#:	61263
Units:	ug/Kg	Sampled:	02/02/01
Basis:	wet	Received:	02/02/01
Diln Fac:	1.000		

Field ID:	CFTM-1	Lab ID:	150088-001
Type:	SAMPLE	Analyzed:	02/02/01

Analyte	Result	RL
MTBE	ND	20
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
Trifluorotoluene (PID)	110	65-134
Bromofluorobenzene (PID)	111	55-138

Field ID:	CFTM-2	Lab ID:	150088-002
Type:	SAMPLE	Analyzed:	02/03/01

Analyte	Result	RL
TBE	ND	21
benzene	ND	5.2
Toluene	ND	5.2
Ethylbenzene	ND	5.2
m,p-Xylenes	ND	5.2
Xylene	ND	5.2

Surrogate	%REC	Limits
Trifluorotoluene (PID)	114	65-134
Bromofluorobenzene (PID)	111	55-138

Type:	BLANK	Analyzed:	02/02/01
Lab ID:	QCL36629		

Analyte	Result	RL
MTBE	ND	20
benzene	ND	5.0
toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
Trifluorotoluene (PID)	113	65-134
Bromofluorobenzene (PID)	110	55-138



Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	150088	Project#:	STANDARD
Client:	Presidio Trust		
Field ID:	CFTM-1	Diln Fac:	1.000
Lab ID:	150088-001	Sampled:	02/02/01
Matrix:	Soil	Received:	02/02/01
Units:	mg/Kg	Analyzed:	02/05/01
Basis:	wet		

Analyte	Result	RL	Batch#	Prepared	Prep	Analysis
Antimony	ND	2.8	61272	02/02/01	EPA 3050	EPA 6010B
Arsenic	1.8	0.24	61272	02/02/01	EPA 3050	EPA 6010B
Barium	8.4	0.47	61272	02/02/01	EPA 3050	EPA 6010B
Beryllium	ND	0.094	61272	02/02/01	EPA 3050	EPA 6010B
Cadmium	0.74	0.24	61272	02/02/01	EPA 3050	EPA 6010B
Chromium	20	0.47	61272	02/02/01	EPA 3050	EPA 6010B
Cobalt	2.6	0.94	61272	02/02/01	EPA 3050	EPA 6010B
Copper	1.6	0.47	61272	02/02/01	EPA 3050	EPA 6010B
Lead	1.8	0.14	61272	02/02/01	EPA 3050	EPA 6010B
Mercury	ND	0.020	61294	02/05/01	METHOD	EPA 7471
Molybdenum	ND	0.94	61272	02/02/01	EPA 3050	EPA 6010B
Nickel	22	0.94	61272	02/02/01	EPA 3050	EPA 6010B
Selenium	0.26	0.24	61272	02/02/01	EPA 3050	EPA 6010B
Silver	ND	0.24	61272	02/02/01	EPA 3050	EPA 6010B
Thallium	ND	0.24	61272	02/02/01	EPA 3050	EPA 6010B
Vanadium	8.5	0.47	61272	02/02/01	EPA 3050	EPA 6010B
Zinc	6.9	0.94	61272	02/02/01	EPA 3050	EPA 6010B

NOTES

- 1) #s not corrected for percent moisture.
- 2) Freshwater #s used for comparison.

LF7 #s

Cr 94

Cu 52

Pb 477

Ni 263

Zn 89

Jenn -

TPH-d, mo were ND
8260 VOCs all ND



Curtis & Tompkins, Ltd

California Title 26 Metals

Lab #:	150088	Project#:	STANDARD
Client:	Presidio Trust		
Field ID:	CFTM-2	Diln Fac:	1.000
Lab ID:	150088-002	Sampled:	02/02/01
Matrix:	Soil	Received:	02/02/01
Units:	mg/Kg	Analyzed:	02/05/01
Basis:	wet		

Analyte	Result	RL	Batch#	Prepared	Prep	Analysis
Antimony	ND	2.9	61272	02/02/01	EPA 3050	EPA 6010B
Arsenic	1.8	0.24	61272	02/02/01	EPA 3050	EPA 6010B
Barium	8.1	0.48	61272	02/02/01	EPA 3050	EPA 6010B
Beryllium	ND	0.096	61272	02/02/01	EPA 3050	EPA 6010B
Cadmium	0.95	0.24	61272	02/02/01	EPA 3050	EPA 6010B
Chromium	23	0.48	61272	02/02/01	EPA 3050	EPA 6010B
Cobalt	2.8	0.96	61272	02/02/01	EPA 3050	EPA 6010B
Copper	1.6	0.48	61272	02/02/01	EPA 3050	EPA 6010B
Lead	1.7	0.14	61272	02/02/01	EPA 3050	EPA 6010B
Mercury	0.021	0.019	61294	02/05/01	METHOD	EPA 7471
Molybdenum	ND	0.96	61272	02/02/01	EPA 3050	EPA 6010B
Nickel	22	0.96	61272	02/02/01	EPA 3050	EPA 6010B
Selenium	0.42	0.24	61272	02/02/01	EPA 3050	EPA 6010B
Silver	ND	0.24	61272	02/02/01	EPA 3050	EPA 6010B
Thallium	ND	0.24	61272	02/02/01	EPA 3050	EPA 6010B
Vanadium	10	0.48	61272	02/02/01	EPA 3050	EPA 6010B
Zinc	7.2	0.96	61272	02/02/01	EPA 3050	EPA 6010B

Ford, George

From: Glen Angell [glen_angell@ggnpa.org]
Sent: Tuesday, February 06, 2001 4:20 PM
To: GFord@presidiotrust.gov
Subject: Re: Tidal marsh contingency action site update.

Thanks George. I looked at the material today. Looks like algal material to me. We have seen some lovely organic displays in the marsh and the orange stuff has been there for some time.

Glen

Reply Separator

Subject: Tidal marsh contingency action site update.
Author: "Ford George" <GFord@presidiotrust.gov> at INTERNET-GATEWAY
Date: 02/06/2001 9:43 AM

Results from stained soil taken from area in northwest corner of the tidal marsh:

No detectable TPH-gas, diesel, motor oil, BTEX or MTBE.
No detectable EPA Method 8260 volatile organics (solvents, etc).
Title 22 metals are all low, well below Fill Site 7 Cleanup levels.

Above results suggest no action is necessary.

EPA Method 8270 (semi-volatile organics) results due late today. Pesticides and PCBs due later in the week.

George Ford
The Presidio Trust
P.O. Box 29052
San Francisco, CA 94129-0052
voice: 415-561-4292
fax: 415-561-2132



**U.S. Army Corps of Engineers
Sacramento District**

***SOIL REMEDIATION CLOSURE REPORT
CRISSY FIELD AREA
PRESIDIO OF SAN FRANCISCO, CALIFORNIA***

June 1999

***Sacramento TERC
Contract No. DACW05-95-D-0001***



**INTERNATIONAL
TECHNOLOGY
CORPORATION**

Table A - 1
East of Mason
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 1 of 2)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Levels ^b (mg/kg)	Qualifier ^c	Comments
EOFMEX011(0.5) ^d	04/28/98	4,4'-DDE ^e	0.0022	0.005	U	
EOFMEX011(0.5)	04/28/98	4,4'-DDT ^f	0.0044	0.008	U	
EOFMEX011(0.5)	04/28/98	Total Chlordane ^g	0.0022	0.007	U	
EOFMEX014(2.0)	04/28/98	4,4'-DDE	0.0021	0.005	U	
EOFMEX014(2.0)	04/28/98	4,4'-DDT	0.0042	0.008	U	
EOFMEX014(2.0)	04/28/98	Total Chlordane	0.0021	0.007	U	
EOFMEX021(0.5)	05/07/98	4,4'-DDE	0.0022	0.005	UJ	
EOFMEX021(0.5)	05/07/98	4,4'-DDT	0.0044	0.008	UJ	
EOFMEX021(0.5)	05/07/98	Total Chlordane	0.0022	0.007	U	
EOFMEX033(0.5)	06/16/98	4,4'-DDE	0.0021	0.005	UJ	
EOFMEX033(0.5)	06/16/98	4,4'-DDT	0.0043	0.008	UJ	
EOFMEX033(0.5)	06/16/98	Total Chlordane	0.0021	0.007	UJ	
EOFMEX035(0.5)	06/16/98	4,4'-DDE	0.0022	0.005	UJ	
EOFMEX035(0.5)	06/16/98	4,4'-DDT	0.0044	0.008	UJ	
EOFMEX035(0.5)	06/16/98	Total Chlordane	0.0022	0.007	UJ	
EOFMEX035(0.5)DUP ^h	06/16/98	4,4'-DDE	0.0022	0.005	U	EOFMDUP061698A ⁱ
EOFMEX035(0.5)DUP	06/16/98	4,4'-DDT	0.0022	0.008	U	EOFMDUP061698A
EOFMEX035(0.5)DUP	06/16/98	Total Chlordane	0.0022	0.007	U	EOFMDUP061698A
EOFMEX039(0.5)	06/15/98	4,4'-DDE	0.0021	0.005	U	
EOFMEX039(0.5)	06/15/98	4,4'-DDT	0.0042	0.008	U	
EOFMEX039(0.5)	06/15/98	Total Chlordane	0.0021	0.007	U	
EOFMEX046(2.0)	06/15/98	4,4'-DDE	0.0021	0.005	U	
EOFMEX046(2.0)	06/15/98	4,4'-DDT	0.0041	0.008	U	
EOFMEX046(2.0)	06/15/98	Total Chlordane	0.0021	0.007	U	
EOFMEX047(2.0)	06/16/98	4,4'-DDE	0.0023	0.005	UJ	
EOFMEX047(2.0)	06/16/98	4,4'-DDT	0.0046	0.008	UJ	
EOFMEX047(2.0)	06/16/98	Total Chlordane	0.0023	0.007	UJ	
EOFMEX048(2.0)	06/16/98	4,4'-DDE	0.002	0.005	J-	
EOFMEX048(2.0)	06/16/98	4,4'-DDT	0.0049	0.008	UJ	
EOFMEX048(2.0)	06/16/98	Total Chlordane	0.0024	0.007	UJ	
EOFMEX049(0.5)	07/01/98	4,4'-DDE	0.004	0.005	J-	
EOFMEX049(0.5)	07/01/98	4,4'-DDT	0.003	0.008	J	
EOFMEX049(0.5)	07/01/98	Total Chlordane	0.0023	0.007	U	
EOFMEX051(0.5)	07/01/98	4,4'-DDE	0.0021	0.005	U	
EOFMEX051(0.5)	07/01/98	4,4'-DDT	0.0043	0.008	U	
EOFMEX051(0.5)	07/01/98	Total Chlordane	0.0021	0.007	U	
EOFMEX052(0.5)	07/01/98	4,4'-DDE	0.002	0.005	J+	
EOFMEX052(0.5)	07/01/98	4,4'-DDT	0.0041	0.008	U	
EOFMEX052(0.5)	07/01/98	Total Chlordane	0.0021	0.007	U	

Footnotes at end of table.

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Table A - 1
East of Mason
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 2 of 2)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Levels ^b (mg/kg)	Qualifier ^c	Comments
EOFMEX054(0.5)	07/01/98	4,4'-DDE	0.0024	0.005	U	
EOFMEX054(0.5)	07/01/98	4,4'-DDT	0.0048	0.008	U	
EOFMEX054(0.5)	07/01/98	Total Chlordane	0.0024	0.007	U	
EOFMEX055(0.5)	07/01/98	4,4'-DDE	0.0021	0.005	U	
EOFMEX055(0.5)	07/01/98	4,4'-DDT	0.0042	0.008	U	
EOFMEX055(0.5)	07/01/98	Total Chlordane	0.0021	0.007	U	
EOFMEX056(0.5)	07/01/98	4,4'-DDE	0.0022	0.005	U	
EOFMEX056(0.5)	07/01/98	4,4'-DDT	0.0043	0.008	U	
EOFMEX056(0.5)	07/01/98	Total Chlordane	0.0022	0.007	U	
EOFMEX056(0.5)DUP	07/01/98	4,4'-DDE	0.0023	0.005	U	EOFMDUP070198A
EOFMEX056(0.5)DUP	07/01/98	4,4'-DDT	0.0045	0.008	U	EOFMDUP070198A
EOFMEX056(0.5)DUP	07/01/98	Total Chlordane	0.0023	0.007	U	EOFMDUP070198A
EOFMEX057(2.0)	07/01/98	4,4'-DDE	0.0022	0.005	U	
EOFMEX057(2.0)	07/01/98	4,4'-DDT	0.0043	0.008	U	
EOFMEX057(2.0)	07/01/98	Total Chlordane	0.0022	0.007	U	
EOFMEX058(0.5)	07/10/98	4,4'-DDE	0.0022	0.005	U	
EOFMEX058(0.5)	07/10/98	4,4'-DDT	0.0044	0.008	U	
EOFMEX058(0.5)	07/10/98	Total Chlordane	0.0022	0.007	U	
EOFMEX060(0.5)	07/16/98	4,4'-DDE	0.0022	0.005	U	
EOFMEX060(0.5)	07/16/98	4,4'-DDT	0.0044	0.008	U	
EOFMEX060(0.5)	07/16/98	Total Chlordane	0.0022	0.007	U	
EOFMSS018(0.0)	05/05/98	4,4'-DDE	0.003	0.005		
EOFMSS018(0.0)	05/05/98	4,4'-DDT	0.005	0.008	J	
EOFMSS018(0.0)	05/05/98	Total Chlordane	0.0024	0.007	U	

^a milligrams per kilogram

^b Soil cleanup levels established in the *Final Remedial Action Plan, Crissy Field Area* (Army, 1998)

^c Qualifiers

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample represents its approximate concentration.

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately measure the analyte in the sample.

"-" - Analytical result biased low

"+" - Analytical result biased high

^d Depth of sample in feet below original ground surface is in parentheses

^e 4,4'-dichlorodiphenyl dichloroethene

^f 4,4'-dichlorodiphenyl trichloroethane

^g Total Chlordane: sum of alpha and gamma isomers

^h duplicate sample

ⁱ Sample identification number as it appears on chain-of-custody forms

Checked by: MB 6-2-99
Approved by: Cj Poulson 6/2/99

Footnotes at end of table.

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**FUEL DISTRIBUTION SYSTEM REMOVAL REPORT
PRESIDIO OF SAN FRANCISCO, CALIFORNIA**

**Contract No. DACW05-95-D-0001
Task Order No. 0005
Work Authorization Directive No. 36**

Submitted to:

Department of the Army
U.S. Army Corps of Engineers
Sacramento District
1325 "J" Street
Sacramento, California 95814-2922

Submitted by:

IT Corporation
4585 Pacheco Boulevard
Martinez, California 94553

FINAL

May 1999

Issued to: _____ Date: _____

Table 5-2
Excavation Soil Analytical Results, Section MT-1
Fuel Distribution System Removal Report

Presidio of San Francisco

Sample Designation (depth) ^a date	Petroleum Hydrocarbons by EPA 8015 Modified ^b (mg/kg)		Total Petroleum Hydrocarbons by Immunoassay (mg/kg)	Carcinogenic PAHs ^d by EPA 8310 ^b (mg/kg)						Total PAHs by Immunoassay (mg/kg)
	Diesel Range (C12-C24)	Fuel Oil Range (C24-C36)		Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(k)-fluoranthene	Chrysene	Total Carcinogenic	
FM01002T01 (3.5) 4/3/97	NA ^c	NA	<115	NA	NA	NA	NA	NA	NA	<5.0
FM01003T01 (3.5) 3/27/97	NA	NA	<115	NA	NA	NA	NA	NA	NA	<5.0
FM01004T01 (3.0) 3/27/97	NA	NA	575	NA	NA	NA	NA	NA	NA	<5.0
FM01005T01 (4.0) 3/27/97	210	760	<115	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.009	<5.0
FM01007T02 (1.5) 9/18/97	NA	NA	<115	NA	NA	NA	NA	NA	NA	<5.0

^a(depth) - Sample depth in feet below original ground surface

^bU.S. Environmental Protection Agency, 1996, *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, SW-846, Washington, DC.

^cmg/kg - milligrams per kilogram

^dPAHs - polycyclic aromatic hydrocarbons

^eNA - not analyzed

checked by: C.P. 5/24/99

approved by: [Signature] 5-21-99

Table 54-2
Excavation Soil Analytical Results, Section CF-1
Fuel Distribution System Removal Report

Presidio of San Francisco

Sample Designation	Depth ^a (feet)	Collection Date	Volatile Organic Compounds by EPA 8020 ^b (mg/kg ^c)				Petroleum Hydrocarbons as Diesel by Immunoassay (mg/kg)
			Benzene	Ethyl- benzene	Toluene	Total Xylenes	
CF01000T01	2.0	6/16/98	<0.0059	<0.0059	<0.0059	<0.0179	<18.3
CF01001T01	2.0	6/16/98	<0.006	<0.006	<0.006	<0.018	<18.3
CF01001T02	2.0	7/20/98	<0.0058	<0.0058	<0.0058	<0.0178	<18.3
CF01003T01	2.0	6/17/98	<0.0062	<0.0062	<0.0062	<0.0182	<17.0
CF01004T01	2.0	6/17/98	<0.0059	<0.0059	<0.0059	<0.0179	<17.0
CF01004T02	2.0	6/22/98	<0.006	<0.006	<0.006	<0.018	<18.3
CF01005T01	2.0	6/22/98	<0.0058	<0.0058	<0.0058	<0.0178	<18.3
CF01005T02	2.0	6/30/98	0.009	0.044	0.029	0.094	<91.5
CF01006T01	2.0	6/24/98	<0.0058	<0.0058	<0.0058	<0.0178	<18.3
CF01007T01	2.0	6/24/98	<0.0054	<0.0054	<0.0054	<0.0164	<18.3
CF01007T02	2.0	6/24/98	<0.0052	<0.0052	<0.0052	<0.0152	<18.3
CF01008T01	2.0	7/16/98	<0.0052	<0.0052	<0.0052	<0.0152	<366

^aDepth - Sample depth in feet below original ground surface

^bU.S. Environmental Protection Agency, 1996, *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, SW-846, Washington, DC.

^cmg/kg - milligrams per kilogram

checked by: C. R. Skelton

approved by: [Signature] 5-21-99

Table 55-2
Excavation Soil Analytical Results, Section CF-2
Fuel Distribution System Removal Report

Presidio of San Francisco

Sample Designation	Depth ^a (feet)	Collection Date	Volatile Organic Compounds by EPA 8020 ^b (mg/kg) ^c				Petroleum Hydrocarbons by Immunoassay (mg/kg)	
			Benzene	Ethyl-benzene	Toluene	Total Xylenes	as Diesel	as Fuel Oil
CF02001T01A	3.0	9/14/98	NA ^d	NA	NA	NA	<17	NA
CF02001T01B	3.5	11/9/98	NA	NA	NA	NA	NA	<115
CF02001T02	3.5	11/9/98	NA	NA	NA	NA	NA	<115
CF02002T01	4.0	9/17/98	<0.0051	<0.0051	<0.0051	<0.0151	<17	NA
CF02003T01A	2.0	9/17/98	<0.0055	<0.0055	<0.0055	<0.0165	<17	NA
CF02003T01B	3.5	11/13/98	NA	NA	NA	NA	NA	<115
CF02003T02	3.5	11/13/98	NA	NA	NA	NA	NA	<115

^aDepth - Sample depth in feet below original ground surface

^bU.S. Environmental Protection Agency, 1996, *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, SW-846, Washington, DC.

^cmg/kg - milligrams per kilogram

^dNA - not analyzed

checked by: C.P. 5/24/99

approved by: [Signature] 5-21-99

Table 58-2
Excavation Soil Analytical Results, Section CF-6
Fuel Distribution System Removal Report

Presidio of San Francisco

Sample Designation	Depth ^a	Sample Date	Volatile Organic Compounds by EPA 8020 Modified ^b (mg/kg ^c)				Petroleum Hydrocarbons by Immunoassay (mg/kg)	
			Benzene	Ethyl- benzene	Toluene	Total Xylenes	as Diesel	as Fuel Oil
CF06000L01	3.0	9/14/98	<0.0059	<0.0059	<0.0059	<0.0179	<17	NA ^d
CF06000L02A	3.0	9/14/98	<0.0054	<0.0054	<0.0054	<0.0164	<17	NA
CF06000L02B	3.0	10/7/98	<0.0053	<0.0053	<0.0053	<0.0163	<85.2	NA
CF06000L03	3.0	9/14/98	<0.0053	<0.0053	<0.0053	<0.0163	<17	NA
CF06000T01	2.0	9/22/98	<0.0052	<0.0052	<0.0052	<0.0152	<17	NA
CF06000T02	3.0	9/22/98	<0.0059	<0.0059	<0.0059	<0.0179	<17	NA
CF06000T03	2.0	10/7/98	<0.0052	<0.0052	<0.0052	<0.0152	<17.0	NA
CF06000T04	3.5	10/22/98	NA	NA	NA	NA	NA	<71
CF06000W01	5.0	9/21/98	<0.0055	<0.0055	<0.0055	<0.0165	<17	NA
CF06001T01	4.0	7/13/98	<0.0055	<0.0055	0.008	<0.0165	<18.3	NA
CF06002T01	4.0	7/13/98	<0.0052	<0.0052	<0.0052	<0.0152	<18.3	NA

^a(depth) - Sample depth in feet below original ground surface

^bU.S. Environmental Protection Agency, 1996, *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, SW-846, Washington, DC.

^cmg/kg - milligrams per kilogram

^dNA- not analyzed

checked by: C.B. 05/24/00
 approved by: AE Gary 5-21-99

Table 59-2
Excavation Soil Analytical Results, Section CF-7
Fuel Distribution System Removal Report

Presidio of San Francisco
(Page 1 of 2)

Sample Designation (depth)* date	Petroleum Hydrocarbons by EPA 8015 Modified ^b (mg/kg ^a)		Volatile Organic Compounds by EPA 8020 ^b (mg/kg)				Carcinogenic PAHs ^d by EPA 8310 ^b (mg/kg)						Petroleum Hydrocarbons by Immunoassay (mg/kg)		Total PAHs by Immunoassay (mg/kg)
	Diesel Range (C12-C24)	Fuel Oil Range (C24-C36)	Benzene	Ethylbenzene	Toluene	Total Xylenes	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Total Carcinogenic	as Diesel	as Fuel Oil	
CF06003T01 (4.0) 7/14/98	NA ^c	NA	<0.0055	<0.0055	<0.0055	<0.0165	NA	NA	NA	NA	NA	NA	<91.5	NA	NA
CF06005T01 (3.5) 9/11/98	NA	NA	<0.0054	<0.0054	<0.0054	<0.0164	NA	NA	NA	NA	NA	NA	<341	NA	NA
CF07001L01 (3.0) 9/11/98	NA	NA	<0.0052	<0.0052	<0.0052	<0.0152	NA	NA	NA	NA	NA	NA	<17	NA	NA
CF07001L03 (3.0) 9/11/98	NA	NA	<0.0053	<0.0053	<0.0053	<0.0163	NA	NA	NA	NA	NA	NA	17	NA	NA
CF07001T01 (2.0) 9/1/98	NA	NA	<0.0056	<0.0056	<0.0056	<0.0166	NA	NA	NA	NA	NA	NA	<18.3	NA	NA
CF07002T01 (2.0) 9/1/98	NA	NA	<0.0055	<0.0055	<0.0055	<0.0165	NA	NA	NA	NA	NA	NA	<18.3	NA	NA
CF07003T01 (2.5) 9/24/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	115	NA
CF07003T02 (2.5) 9/24/98	250	710	NA	NA	NA	NA	0.037	0.043	<0.015	<0.015	<0.015	0.08	NA	<115	NA
CF07003W01 (8.5) 9/22/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<150	NA

Table 59-2
Excavation Soil Analytical Results, Section CF-7
Fuel Distribution System Removal Report

Presidio of San Francisco
(Page 2 of 2)

Sample Designation (depth) date	Petroleum Hydrocarbons by EPA 8015 Modified (mg/kg)		Volatile Organic Compounds by EPA 8020 (mg/kg)				Carcinogenic PAHs by EPA 831 ^b (mg/kg)						Petroleum Hydrocarbons by Immunoassay (mg/kg)		Total PAHs by Immunoassay (mg/kg)
	Diesel Range (C12-C24)	Fuel Oil Range (C24-C36)	Benzene	Ethylbenzene	Toluene	Total Xylenes	Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(k)-fluoranthene	Chrysene	Total Carcinogenic	as Diesel	as Fuel Oil	
CF07003W03 (5.0) 9/22/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<150	NA
CF07003W06 (8.0) 10/5/98	3,800^c	<590	NA	NA	NA	NA	2.78	<0.018	<0.018	<0.018	0.32	3.1	NA	>1950	>19.7
CF07003W07 (6.0) 10/5/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	>1950	>19.7
CF07003W08 (6.0) 10/5/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	115	NA
CF07003W09 (6.0) 10/5/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1950	NA

^a(depth) - Sample depth in feet below original ground surface

^bU.S. Environmental Protection Agency, 1996, *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, SW-846, Washington, DC.

^cmg/kg - milligrams per kilogram

^dPAHs - polycyclic aromatic hydrocarbons

^eNA - not analyzed

^fbold text indicates concentration exceeds Soil Action Level

checked by: C. P. [Signature]
approved by: [Signature] 5-21-99

Table 60-2
Excavation Soil Analytical Results, Section CF-8
Fuel Distribution System Removal Report

Presidio of San Francisco

Sample Designation (depth) ^a date	Petroleum Hydrocarbons by EPA 8015 Modified ^b (mg/kg ^c)		Carcinogenic PAHs ^d by EPA 8310 ^b (mg/kg)						Petroleum Hydrocarbons as Fuel Oil by Immunoassay (mg/kg)	Total PAHs by Immunoassay (mg/kg)
	Diesel Range (C12-C24)	Fuel Oil Range (C24-C36)	Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(k)-fluoranthene	Chrysene	Total Carcinogenic		
CF08001T01 (3.0) 7/22/98	<11	39	0.012	0.028	0.0047	0.013	0.021	0.0787	<115	<5.6
CF08002T01 (3.0) 7/22/98	NA ^e	NA	NA	NA	NA	NA	NA	NA	<115	<5.6
CF08003T01 (3.0) 7/22/98	NA	NA	NA	NA	NA	NA	NA	NA	<115	<5.6
CF08004T01 (3.5) 7/16/98	NA	NA	NA	NA	NA	NA	NA	NA	<115	<5.0
CF08004T02 (3.5) 7/16/98	NA	NA	NA	NA	NA	NA	NA	NA	<115	<5.0
CF08005T01 (4.0) 7/28/98	NA	NA	NA	NA	NA	NA	NA	NA	<115	<5.6
CF08006T01 (3.5) 7/28/98	NA	NA	NA	NA	NA	NA	NA	NA	<115	<5.6
CF08007T01 (3.5) 7/28/98	NA	NA	NA	NA	NA	NA	NA	NA	<115	<5.6
CF08008T01 (3.5) 8/3/98	NA	NA	NA	NA	NA	NA	NA	NA	<115	<5.6

^a(depth) - Sample depth in feet below original ground surface

^bU.S. Environmental Protection Agency, 1996, *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, SW-846, Washington, DC.

^cmg/kg - milligrams per kilogram

^dPAHs - polycyclic aromatic hydrocarbons

^eNA - not analyzed

checked by: C. B. 8/24/99
 approved by: [Signature] 8-21-99

Table 61-2
Excavation Soil Analytical Results, Section CF-9
Fuel Distribution System Removal Report

Presidio of San Francisco

Sample Designation	Depth ^a (feet)	Collection Date	Petroleum Hydrocarbons as Fuel Oil by Immunoassay (mg/kg) ^b	Total PAHs ^c by Immunoassay (mg/kg)
CF09000T01	3.0	8/6/98	<115	<5.0
CF09001T01	3.0	8/10/98	<115	<5.6
CF09002T01	3.0	8/10/98	<115	<5.6
CF09003T01	3.0	8/11/98	<115	<5.0
CF09004T01A	3.0	8/13/98	<115	<5.6
CF09004T01B	3.0	8/17/98	<115	<5.6
CF09005T01	4.0	8/17/98	<115	<5.0
CF09006T01	4.0	8/18/98	<772	<5.0

^aDepth - Sample depth in feet below original ground surface

^bmg/kg - milligrams per kilogram

^cPAHs - polycyclic aromatic hydrocarbons

checked by: C. P. 5/24/99

approved by: [Signature] 5-21-99

Table 62-2
Excavation Soil Analytical Results, Section CF-10
Fuel Distribution System Removal Report

Presidio of San Francisco

Sample Designation	Depth ^a (feet)	Collection Date	Petroleum Hydrocarbons as Fuel Oil by Immunoassay (mg/kg ^b)	Total PAHs ^c by Immunoassay (mg/kg)
CF09007T01	4.0	8/18/98	<115	<5.0
CF10001T01	4.0	8/19/98	<115	<5.6
CF10002T01	4.0	8/19/98	<115	<5.6
CF10003T01	4.0	8/19/98	<115	<5.6

^aDepth - Sample depth in feet below original ground surface

^bmg/kg - milligrams per kilogram

^cPAHs - polycyclic aromatic hydrocarbons

checked by:

C.B. 5/24/10

approved by:

R. J. 5.21.99

Table 63-2
Excavation Soil Analytical Results, Section CF-11
Fuel Distribution System Removal Report

Presidio of San Francisco

Sample Designation	Depth ^a (feet)	Collection Date	Volatile Organic Compounds by EPA 8020 Modified ^b (mg/kg ^c)				Petroleum Hydrocarbons by Immunoassay (mg/kg)	
			Benzene	Ethylbenzene	Toluene	Total Xylenes	as Diesel	as Fuel Oil ^e
CF11000L01	3.0	10/13/98	<0.0051	<0.0051	<0.0051	<0.0151	<17	NA ^d
CF11000T01	3.0	10/13/98	<0.0051	<0.0051	<0.0051	<0.0151	<17	NA
CF11000T02	3.0	10/22/98	NA	NA	NA	NA	NA	<71
CF11001T01	2.5	10/29/98	NA	NA	NA	NA	NA	<115
CF11001T02	2.5	10/29/98	NA	NA	NA	NA	NA	<115

^aDepth - Sample depth in feet below original ground surface

^bU.S. Environmental Protection Agency, 1996, *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, SW-846, Washington, DC.

^cmg/kg - milligrams per kilogram

^dNA - not analyzed

^eThe quantification of fuel oil using immunoassay EPA Method 4030 represents total petroleum hydrocarbons including gasoline and diesel range organics.

checked by: C.B. 5/24/97
 approved by: [Signature] 5-21-99



U.S. Army Corps of Engineers
Sacramento District

***SOIL REMEDIATION CLOSURE REPORT
FILL SITE NO. 7
PRESIDIO OF SAN FRANCISCO, CALIFORNIA***

March 1999

***Sacramento TERC
Contract No. DACW05-95-D-0001***



INTERNATIONAL
TECHNOLOGY
CORPORATION

Table 3 - 1
Fill Site No.7 Metals Excavations
Final Soil Sample Results
Fill Site No. 7 Soil Remediation Closure Report
Presidio of San Francisco
(Page 1 of 12)

Sample	Sample Date	Analyte	Result	Units	Cleanup Levels	Qualifier ^a	Comments
Excavation M1							
FS07SB073(3.0,5.5)A	01/29/98	Chromium	21	mg/kg ^b	94		
FS07SB073(3.0,5.5)A	01/29/98	Copper	43	mg/kg	52		
FS07SB073(3.0,5.5)A	01/29/98	Lead	75	mg/kg	477		
FS07SB073(3.0,5.5)A	01/29/98	Lead (STLC) ^c	3	mg/l ^d	5		
FS07SB073(3.0,5.5)A	01/29/98	Nickel	29	mg/kg	263		
FS07SB073(3.0,5.5)A	01/29/98	Zinc	50	mg/kg	89		
FS07SB073(3.0,5.5)B	01/29/98	Chromium	39	mg/kg	94		
FS07SB073(3.0,5.5)B	01/29/98	Copper	21	mg/kg	52		
FS07SB073(3.0,5.5)B	01/29/98	Lead	60	mg/kg	477		
FS07SB073(3.0,5.5)B	01/29/98	Lead (STLC)	2.4	mg/l	5		
FS07SB073(3.0,5.5)B	01/29/98	Nickel	51	mg/kg	263		
FS07SB073(3.0,5.5)B	01/29/98	Zinc	51	mg/kg	89		
FS07SB073(3.0,5.5)B3	05/06/98	Chromium	71	mg/kg	94		
FS07SB073(3.0,5.5)B3	05/06/98	Copper	16	mg/kg	52		
FS07SB073(3.0,5.5)B3	05/06/98	Lead	66	mg/kg	477		
FS07SB073(3.0,5.5)B3	05/06/98	Lead (STLC)	4	mg/l	5		
FS07SB073(3.0,5.5)B3	05/06/98	Nickel	68	mg/kg	263		
FS07SB073(3.0,5.5)B3	05/06/98	Zinc	47	mg/kg	89		
FS07SB073A3	05/06/98	Chromium	28	mg/kg	94		
FS07SB073A3	05/06/98	Copper	19	mg/kg	52		
FS07SB073A3	05/06/98	Lead	9	mg/kg	477		
FS07SB073A3	05/06/98	Nickel	35	mg/kg	263		
FS07SB073A3	05/06/98	Zinc	52	mg/kg	89		
FS07SB073A4	05/06/98	Chromium	39	mg/kg	94		
FS07SB073A4	05/06/98	Copper	28	mg/kg	52		
FS07SB073A4	05/06/98	Lead	10	mg/kg	477		
FS07SB073A4	05/06/98	Nickel	48	mg/kg	263		
FS07SB073A4	05/06/98	Zinc	47	mg/kg	89		
FS07SB073B4	05/06/98	Chromium	30	mg/kg	94		
FS07SB073B4	05/06/98	Copper	29	mg/kg	52		
FS07SB073B4	05/06/98	Lead	45	mg/kg	477		
FS07SB073B4	05/06/98	Nickel	33	mg/kg	263		
FS07SB073B4	05/06/98	Zinc	62	mg/kg	89		
FS07SB073B5	05/06/98	Chromium	120	mg/kg	1300 ^e		
FS07SB073B5	05/06/98	Copper	33	mg/kg	88 ^e		
FS07SB073B5	05/06/98	Lead	85	mg/kg	477 ^e		
FS07SB073B5	05/06/98	Lead (STLC)	2	mg/l	5		
FS07SB073B5	05/06/98	Nickel	160	mg/kg	5500 ^e		
FS07SB073B5	05/06/98	Zinc	77	mg/kg	89 ^e		
FS07SB073C	05/06/98	Chromium	37	mg/kg	94		

Table 3 - 1
Fill Site No.7 Metals Excavations
Final Soil Sample Results
Fill Site No. 7 Soil Remediation Closure Report
Presidio of San Francisco
(Page 2 of 12)

Sample	Sample Date	Analyte	Result	Units	Cleanup Levels	Qualifier ^a	Comments
FS07SB073C	05/06/98	Copper	23	mg/kg	52		
FS07SB073C	05/06/98	Lead	40	mg/kg	477		
FS07SB073C	05/06/98	Nickel	42	mg/kg	263		
FS07SB073C	05/06/98	Zinc	56	mg/kg	89		
FS07SB074E1	06/08/98	Chromium	41	mg/kg	94		
FS07SB074E1	06/08/98	Copper	25	mg/kg	52		
FS07SB074E1	06/08/98	Lead	65	mg/kg	477		
FS07SB074E1	06/08/98	Lead (STLC)	0.5	mg/l	5	U	
FS07SB074E1	06/08/98	Nickel	46	mg/kg	263		
FS07SB074E1	06/08/98	Zinc	86	mg/kg	89		
FS07SB074E2	06/08/98	Chromium	41	mg/kg	94		
FS07SB074E2	06/08/98	Copper	26	mg/kg	52		
FS07SB074E2	06/08/98	Lead	30	mg/kg	477		
FS07SB074E2	06/08/98	Nickel	52	mg/kg	263		
FS07SB074E2	06/08/98	Zinc	79	mg/kg	89		
FS07SB074E3	06/08/98	Chromium	44	mg/kg	94		
FS07SB074E3	06/08/98	Copper	38	mg/kg	52		
FS07SB074E3	06/08/98	Lead	64	mg/kg	477		
FS07SB074E3	06/08/98	Lead (STLC)	0.5	mg/l	5	U	
FS07SB074E3	06/08/98	Nickel	64	mg/kg	263		
FS07SB074E3	06/08/98	Zinc	86	mg/kg	89		
FS07EX042(4.5,6.0) ^f	08/26/98	Chromium	24.2	mg/kg	94		
FS07EX042(4.5,6.0)	08/26/98	Copper	51.2	mg/kg	52		
FS07EX042(4.5,6.0)	08/26/98	Lead	92.1	mg/kg	477		
FS07EX042(4.5,6.0)	08/26/98	Lead (STLC)	19	mg/l	5		
FS07EX042(4.5,6.0)	08/26/98	Nickel	30.9	mg/kg	263		
FS07EX042(4.5,6.0)	08/26/98	Zinc	80	mg/kg	88.4		
FS07EX043(4.5,6.0) ^f	08/26/98	Chromium	43.2	mg/kg	94		
FS07EX043(4.5,6.0)	08/26/98	Copper	35.1	mg/kg	52		
FS07EX043(4.5,6.0)	08/26/98	Lead	106	mg/kg	477		
FS07EX043(4.5,6.0)	08/26/98	Nickel	40.3	mg/kg	263		
FS07EX043(4.5,6.0)	08/26/98	Zinc	98.3	mg/kg	88.4		
FS07EX056(4.5,6.0) ^f	08/26/98	Chromium	30.6	mg/kg	94		
FS07EX056(4.5,6.0)	08/26/98	Copper	38	mg/kg	52		
FS07EX056(4.5,6.0)	08/26/98	Lead	17.5	mg/kg	477		
FS07EX056(4.5,6.0)	08/26/98	Nickel	35.4	mg/kg	263		
FS07EX056(4.5,6.0)	08/26/98	Zinc	47.9	mg/kg	88.4		
Excavation M2							
FS07SB032	02/03/98	Chromium	30	mg/kg	94		
FS07SB032	02/03/98	Copper	17	mg/kg	52		
FS07SB032	02/03/98	Lead	16	mg/kg	477		

Table 3 - 1
Fill Site No.7 Metals Excavations
Final Soil Sample Results
Fill Site No. 7 Soil Remediation Closure Report
Presidio of San Francisco
(Page 3 of 12)

Sample	Sample Date	Analyte	Result	Units	Cleanup Levels	Qualifier ^a	Comments
FS07SB032	02/03/98	Mercury	0.35	mg/kg	2.79	U	
FS07SB032	02/03/98	Nickel	33	mg/kg	263		
FS07SB032	02/03/98	Zinc	43	mg/kg	89		
FS07SB053(3.0,5.5)A	02/02/98	Chromium	26	mg/kg	94		
FS07SB053(3.0,5.5)A	02/02/98	Copper	3.2	mg/kg	52		
FS07SB053(3.0,5.5)A	02/02/98	Lead	1.4	mg/kg	477		
FS07SB053(3.0,5.5)A	02/02/98	Nickel	28	mg/kg	263		
FS07SB053(3.0,5.5)A	02/02/98	Zinc	14	mg/kg	89		
FS07SB053(3.0,5.5)A4	05/06/98	Chromium	25	mg/kg	94		
FS07SB053(3.0,5.5)A4	05/06/98	Copper	14	mg/kg	52		
FS07SB053(3.0,5.5)A4	05/06/98	Lead	21	mg/kg	477		
FS07SB053(3.0,5.5)A4	05/06/98	Nickel	30	mg/kg	263		
FS07SB053(3.0,5.5)A4	05/06/98	Zinc	42	mg/kg	89		
FS07SB053(3.0,5.5)E1	06/08/98	Chromium	38	mg/kg	94		
FS07SB053(3.0,5.5)E1	06/08/98	Copper	12	mg/kg	52		
FS07SB053(3.0,5.5)E1	06/08/98	Lead	9.5	mg/kg	477		
FS07SB053(3.0,5.5)E1	06/08/98	Nickel	44	mg/kg	263		
FS07SB053(3.0,5.5)E1	06/08/98	Zinc	38	mg/kg	89		
FS07SB053(3.0,5.5)E1DUP ^g	06/08/98	Chromium	40	mg/kg	94		FS07DUP060898A2 ^h
FS07SB053(3.0,5.5)E1DUP	06/08/98	Copper	12	mg/kg	52		FS07DUP060898A2
FS07SB053(3.0,5.5)E1DUP	06/08/98	Lead	10	mg/kg	477		FS07DUP060898A2
FS07SB053(3.0,5.5)E1DUP	06/08/98	Nickel	37	mg/kg	263		FS07DUP060898A2
FS07SB053(3.0,5.5)E1DUP	06/08/98	Zinc	37	mg/kg	89		FS07DUP060898A2
FS07SB053A3	05/07/98	Chromium	33	mg/kg	94		
FS07SB053A3	05/07/98	Copper	13	mg/kg	52		
FS07SB053A3	05/07/98	Lead	9.8	mg/kg	477		
FS07SB053A3	05/07/98	Nickel	34	mg/kg	263		
FS07SB053A3	05/07/98	Zinc	38	mg/kg	89		
FS07SB053A3DUP	05/07/98	Chromium	30	mg/kg	94		FS07DUP050798A1
FS07SB053A3DUP	05/07/98	Copper	20	mg/kg	52		FS07DUP050798A1
FS07SB053A3DUP	05/07/98	Lead	30	mg/kg	477		FS07DUP050798A1
FS07SB053A3DUP	05/07/98	Nickel	38	mg/kg	263		FS07DUP050798A1
FS07SB053A3DUP	05/07/98	Zinc	64	mg/kg	89		FS07DUP050798A1
FS07SB053A5	05/06/98	Chromium	61	mg/kg	94		
FS07SB053A5	05/06/98	Copper	12	mg/kg	52		
FS07SB053A5	05/06/98	Lead	20	mg/kg	477		
FS07SB053A5	05/06/98	Nickel	66	mg/kg	263		
FS07SB053A5	05/06/98	Zinc	33	mg/kg	89		
FS07SB053A6	05/06/98	Chromium	24	mg/kg	94		
FS07SB053A6	05/06/98	Copper	20	mg/kg	52		
FS07SB053A6	05/06/98	Lead	38	mg/kg	477		

Table 3 - 1
Fill Site No.7 Metals Excavations
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Fill Site No. 7 Soil Remediation Closure Report
Presidio of San Francisco
(Page 4 of 12)

Sample	Sample Date	Analyte	Result	Units	Cleanup Levels	Qualifier ^a	Comments
FS07SB053A6	05/06/98	Nickel	31	mg/kg	263		
FS07SB053A6	05/06/98	Zinc	51	mg/kg	89		
FS07SB053E2	06/08/98	Chromium	25	mg/kg	94		
FS07SB053E2	06/08/98	Copper	10	mg/kg	52		
FS07SB053E2	06/08/98	Lead	3.7	mg/kg	477		
FS07SB053E2	06/08/98	Nickel	28	mg/kg	263		
FS07SB053E2	06/08/98	Zinc	26	mg/kg	89		
FS07SB053E3	06/08/98	Chromium	31	mg/kg	94		
FS07SB053E3	06/08/98	Copper	4.5	mg/kg	52		
FS07SB053E3	06/08/98	Lead	2.3	mg/kg	477	U	
FS07SB053E3	06/08/98	Nickel	35	mg/kg	263		
FS07SB053E3	06/08/98	Zinc	14	mg/kg	89		
Excavation M3							
FS07SB012B3	05/05/98	Chromium	22	mg/kg	94		
FS07SB012B3	05/05/98	Copper	40	mg/kg	52		
FS07SB012B3	05/05/98	Lead	67	mg/kg	477		
FS07SB012B3	05/05/98	Lead (STLC)	2.3	mg/l	5		
FS07SB012B3	05/05/98	Nickel	25	mg/kg	263		
FS07SB012B3	05/05/98	Zinc	55	mg/kg	89		
FS07SB012B4	05/05/98	Chromium	23	mg/kg	94		
FS07SB012B4	05/05/98	Copper	17	mg/kg	52		
FS07SB012B4	05/05/98	Lead	36	mg/kg	477		
FS07SB012B4	05/05/98	Nickel	25	mg/kg	263		
FS07SB012B4	05/05/98	Zinc	55	mg/kg	89		
FS07SB012B4DUP	05/05/98	Chromium	30	mg/kg	94		FS07DUP050598A1
FS07SB012B4DUP	05/05/98	Copper	13	mg/kg	52		FS07DUP050598A1
FS07SB012B4DUP	05/05/98	Lead	68	mg/kg	477		FS07DUP050598A1
FS07SB012B4DUP	05/05/98	Lead (STLC)	3.1	mg/l	5		FS07DUP050598A1
FS07SB012B4DUP	05/05/98	Nickel	32	mg/kg	263		FS07DUP050598A1
FS07SB012B4DUP	05/05/98	Zinc	46	mg/kg	89		FS07DUP050598A1
FS07SB012B5	05/05/98	Chromium	33	mg/kg	94		
FS07SB012B5	05/05/98	Copper	30	mg/kg	52		
FS07SB012B5	05/05/98	Lead	58	mg/kg	477		
FS07SB012B5	05/05/98	Lead (STLC)	2.2	mg/l	5		
FS07SB012B5	05/05/98	Nickel	37	mg/kg	263		
FS07SB012B5	05/05/98	Zinc	61	mg/kg	89		
FS07SB033(3.0,5.5)A	02/03/98	Chromium	34	mg/kg	94		
FS07SB033(3.0,5.5)A	02/03/98	Copper	28	mg/kg	52		
FS07SB033(3.0,5.5)A	02/03/98	Lead	55	mg/kg	477		
FS07SB033(3.0,5.5)A	02/03/98	Lead (STLC)	2.3	mg/l	5		
FS07SB033(3.0,5.5)A	02/03/98	Nickel	34	mg/kg	263		

Table 3 - 1
Fill Site No.7 Metals Excavations
Final Soil Sample Results
Fill Site No. 7 Soil Remediation Closure Report
Presidio of San Francisco
(Page 5 of 12)

Sample	Sample Date	Analyte	Result	Units	Cleanup Levels	Qualifier ^a	Comments
FS07SB033(3.0,5.5)A	02/03/98	Zinc	77	mg/kg	89		
FS07SB033(3.0,5.5)C	05/05/98	Chromium	44	mg/kg	94		
FS07SB033(3.0,5.5)C	05/05/98	Copper	35	mg/kg	52		
FS07SB033(3.0,5.5)C	05/05/98	Lead	25	mg/kg	477		
FS07SB033(3.0,5.5)C	05/05/98	Nickel	46	mg/kg	263		
FS07SB033(3.0,5.5)C	05/05/98	Zinc	50	mg/kg	89		
FS07SB033A3	05/05/98	Chromium	34	mg/kg	94		
FS07SB033A3	05/05/98	Copper	49	mg/kg	52		
FS07SB033A3	05/05/98	Lead	100	mg/kg	477		
FS07SB033A3	05/05/98	Lead (STLC)	4.2	mg/l	5		
FS07SB033A3	05/05/98	Nickel	42	mg/kg	263		
FS07SB033A3	05/05/98	Zinc	77	mg/kg	89		
FS07SB033B3	05/06/98	Chromium	52	mg/kg	94		
FS07SB033B3	05/06/98	Copper	14	mg/kg	52		
FS07SB033B3	05/06/98	Lead	7.2	mg/kg	477		
FS07SB033B3	05/06/98	Nickel	63	mg/kg	263		
FS07SB033B3	05/06/98	Zinc	40	mg/kg	89		
FS07SB033B4	05/07/98	Chromium	32	mg/kg	94		
FS07SB033B4	05/07/98	Copper	8.8	mg/kg	52		
FS07SB033B4	05/07/98	Lead	35	mg/kg	477		
FS07SB033B4	05/07/98	Nickel	30	mg/kg	263		
FS07SB033B4	05/07/98	Zinc	32	mg/kg	89		
FS07SB033D	05/07/98	Chromium	53	mg/kg	94		
FS07SB033D	05/07/98	Copper	9.8	mg/kg	52		
FS07SB033D	05/07/98	Lead	8.5	mg/kg	477		
FS07SB033D	05/07/98	Nickel	83	mg/kg	263		
FS07SB033D	05/07/98	Zinc	33	mg/kg	89		
FS07SB033E1	06/08/98	Chromium	34	mg/kg	94		
FS07SB033E1	06/08/98	Copper	14	mg/kg	52		
FS07SB033E1	06/08/98	Lead	19	mg/kg	477		
FS07SB033E1	06/08/98	Nickel	35	mg/kg	263		
FS07SB033E1	06/08/98	Zinc	38	mg/kg	89		
Excavation M4							
FS07SB056	01/29/98	Chromium	29	mg/kg	94		
FS07SB056	01/29/98	Copper	8.9	mg/kg	52		
FS07SB056	01/29/98	Lead	20	mg/kg	477		
FS07SB056	01/29/98	Mercury	0.29	mg/kg	2.79	U	
FS07SB056	01/29/98	Nickel	29	mg/kg	263		
FS07SB056	01/29/98	Zinc	35	mg/kg	89		
FS07SB056DUP	01/29/98	Chromium	32	mg/kg	94		FS07DUP012998B2
FS07SB056DUP	01/29/98	Copper	12	mg/kg	52		FS07DUP012998B2

Table 3 - 1
Fill Site No.7 Metals Excavations
Final Soil Sample Results
Fill Site No. 7 Soil Remediation Closure Report
Presidio of San Francisco
(Page 6 of 12)

Sample	Sample Date	Analyte	Result	Units	Cleanup Levels	Qualifier ^a	Comments
FS07SB056DUP	01/29/98	Lead	61	mg/kg	477		FS07DUP012998B2
FS07SB056DUP	01/29/98	Lead (STLC)	1.4	mg/l	5		FS07DUP012998B2
FS07SB056DUP	01/29/98	Mercury	0.3	mg/kg	2.79	U	FS07DUP012998B2
FS07SB056DUP	01/29/98	Nickel	37	mg/kg	263		FS07DUP012998B2
FS07SB056DUP	01/29/98	Zinc	66	mg/kg	89		FS07DUP012998B2
FS07SB057(3.0,5.5)A2	04/10/98	Chromium	33	mg/kg	94		
FS07SB057(3.0,5.5)A2	04/10/98	Copper	17	mg/kg	52		
FS07SB057(3.0,5.5)A2	04/10/98	Lead	15	mg/kg	477		
FS07SB057(3.0,5.5)A2	04/10/98	Nickel	33	mg/kg	263		
FS07SB057(3.0,5.5)A2	04/10/98	Zinc	41	mg/kg	89		
FS07SB057A3	05/06/98	Chromium	17	mg/kg	94		
FS07SB057A3	05/06/98	Copper	15	mg/kg	52		
FS07SB057A3	05/06/98	Lead	5.5	mg/kg	477		
FS07SB057A3	05/06/98	Nickel	24	mg/kg	263		
FS07SB057A3	05/06/98	Zinc	40	mg/kg	89		
FS07SB057A3DUP	05/06/98	Chromium	24	mg/kg	94		FS07DUP050698A1
FS07SB057A3DUP	05/06/98	Copper	9.2	mg/kg	52		FS07DUP050698A1
FS07SB057A3DUP	05/06/98	Lead	6.4	mg/kg	477		FS07DUP050698A1
FS07SB057A3DUP	05/06/98	Nickel	27	mg/kg	263		FS07DUP050698A1
FS07SB057A3DUP	05/06/98	Zinc	30	mg/kg	89		FS07DUP050698A1
FS07SB057A4	05/06/98	Chromium	24	mg/kg	94		
FS07SB057A4	05/06/98	Copper	17	mg/kg	52		
FS07SB057A4	05/06/98	Lead	22	mg/kg	477		
FS07SB057A4	05/06/98	Nickel	32	mg/kg	263		
FS07SB057A4	05/06/98	Zinc	43	mg/kg	89		
FS07SB057B3	05/06/98	Chromium	40	mg/kg	94		
FS07SB057B3	05/06/98	Copper	9.6	mg/kg	52		
FS07SB057B3	05/06/98	Lead	6.6	mg/kg	477		
FS07SB057B3	05/06/98	Nickel	52	mg/kg	263		
FS07SB057B3	05/06/98	Zinc	27	mg/kg	89		
FS07SB057C	05/06/98	Chromium	78	mg/kg	94		
FS07SB057C	05/06/98	Copper	20	mg/kg	52		
FS07SB057C	05/06/98	Lead	60	mg/kg	477		
FS07SB057C	05/06/98	Lead (STLC)	2.1	mg/l	5		
FS07SB057C	05/06/98	Nickel	96	mg/kg	263		
FS07SB057C	05/06/98	Zinc	67	mg/kg	89		
FS07SB076	01/29/98	Chromium	36	mg/kg	94		
FS07SB076	01/29/98	Copper	17	mg/kg	52		
FS07SB076	01/29/98	Lead	46	mg/kg	477		
FS07SB076	01/29/98	Mercury	0.29	mg/kg	2.79	U	
FS07SB076	01/29/98	Nickel	40	mg/kg	263		

Table 3 - 1
Fill Site No.7 Metals Excavations
Final Soil Sample Results
Fill Site No. 7 Soil Remediation Closure Report
Presidio of San Francisco
(Page 7 of 12)

Sample	Sample Date	Analyte	Result	Units	Cleanup Levels	Qualifier ^a	Comments
FS07SB076	01/29/98	Zinc	44	mg/kg	89		
FS07SB077(3.0,5.5)B	01/29/98	Chromium	35	mg/kg	94		
FS07SB077(3.0,5.5)B	01/29/98	Copper	15	mg/kg	52		
FS07SB077(3.0,5.5)B	01/29/98	Lead	17	mg/kg	477		
FS07SB077(3.0,5.5)B	01/29/98	Nickel	40	mg/kg	263		
FS07SB077(3.0,5.5)B	01/29/98	Zinc	39	mg/kg	89		
FS07SB077E1	06/08/98	Chromium	15	mg/kg	94		
FS07SB077E1	06/08/98	Copper	30	mg/kg	52		
FS07SB077E1	06/08/98	Lead	32	mg/kg	477		
FS07SB077E1	06/08/98	Nickel	24	mg/kg	263		
FS07SB077E1	06/08/98	Zinc	48	mg/kg	89		
FS07SB077E2	06/08/98	Chromium	42	mg/kg	94		
FS07SB077E2	06/08/98	Copper	9.8	mg/kg	52		
FS07SB077E2	06/08/98	Lead	16	mg/kg	477		
FS07SB077E2	06/08/98	Nickel	57	mg/kg	263		
FS07SB077E2	06/08/98	Zinc	28	mg/kg	89		
FS07SB078(3.0,5.5)B	01/29/98	Chromium	32	mg/kg	94		
FS07SB078(3.0,5.5)B	01/29/98	Copper	13	mg/kg	52		
FS07SB078(3.0,5.5)B	01/29/98	Lead	15	mg/kg	477		
FS07SB078(3.0,5.5)B	01/29/98	Nickel	36	mg/kg	263		
FS07SB078(3.0,5.5)B	01/29/98	Zinc	46	mg/kg	89		
FS07SB078(3.0,5.5)E4	06/08/98	Chromium	56	mg/kg	94		
FS07SB078(3.0,5.5)E4	06/08/98	Copper	18	mg/kg	52		
FS07SB078(3.0,5.5)E4	06/08/98	Lead	250	mg/kg	477		
FS07SB078(3.0,5.5)E4	06/08/98	Lead (STLC)	1	mg/l	5	U	
FS07SB078(3.0,5.5)E4	06/08/98	Nickel	70	mg/kg	263		
FS07SB078(3.0,5.5)E4	06/08/98	Zinc	73	mg/kg	89		
FS07SB078B3	05/06/98	Chromium	29	mg/kg	94		
FS07SB078B3	05/06/98	Copper	14	mg/kg	52		
FS07SB078B3	05/06/98	Lead	69	mg/kg	477		
FS07SB078B3	05/06/98	Lead (STLC)	3.9	mg/l	5		
FS07SB078B3	05/06/98	Nickel	32	mg/kg	263		
FS07SB078B3	05/06/98	Zinc	54	mg/kg	89		
FS07SB078D	05/06/98	Chromium	27	mg/kg	94		
FS07SB078D	05/06/98	Copper	37	mg/kg	52		
FS07SB078D	05/06/98	Lead	22	mg/kg	477		
FS07SB078D	05/06/98	Nickel	37	mg/kg	263		
FS07SB078D	05/06/98	Zinc	630	mg/kg	89		
FS07SB078E1	06/08/98	Chromium	30	mg/kg	94		
FS07SB078E1	06/08/98	Copper	27	mg/kg	52		
FS07SB078E1	06/08/98	Lead	51	mg/kg	477		

Table 3 - 1
Fill Site No.7 Metals Excavations
Final Soil Sample Results
Fill Site No. 7 Soil Remediation Closure Report
Presidio of San Francisco
(Page 8 of 12)

Sample	Sample Date	Analyte	Result	Units	Cleanup Levels	Qualifier ^a	Comments
FS07SB078E1	06/08/98	Lead (STLC)	0.5	mg/l	5	U	
FS07SB078E1	06/08/98	Nickel	35	mg/kg	263		
FS07SB078E1	06/08/98	Zinc	63	mg/kg	89		
FS07SB078E2	06/08/98	Chromium	23	mg/kg	94		
FS07SB078E2	06/08/98	Copper	26	mg/kg	52		
FS07SB078E2	06/08/98	Lead	280	mg/kg	477		
FS07SB078E2	06/08/98	Nickel	30	mg/kg	263		
FS07SB078E2	06/08/98	Zinc	110	mg/kg	89		
FS07SB079	01/29/98	Chromium	36	mg/kg	94		
FS07SB079	01/29/98	Copper	10	mg/kg	52		
FS07SB079	01/29/98	Lead	24	mg/kg	477		
FS07SB079	01/29/98	Mercury	0.29	mg/kg	2.79	U	
FS07SB079	01/29/98	Nickel	51	mg/kg	263		
FS07SB079	01/29/98	Zinc	34	mg/kg	89		
FS07SB079(3.0,5.5)E4	06/09/98	Chromium	33	mg/kg	94		
FS07SB079(3.0,5.5)E4	06/09/98	Copper	17	mg/kg	52		
FS07SB079(3.0,5.5)E4	06/09/98	Lead	52	mg/kg	477		
FS07SB079(3.0,5.5)E4	06/09/98	Lead (STLC)	1.4	mg/l	5		
FS07SB079(3.0,5.5)E4	06/09/98	Nickel	35	mg/kg	263		
FS07SB079(3.0,5.5)E4	06/09/98	Zinc	59	mg/kg	89		
FS07SB079E3	06/09/98	Chromium	26	mg/kg	94		
FS07SB079E3	06/09/98	Copper	18	mg/kg	52		
FS07SB079E3	06/09/98	Lead	16	mg/kg	477		
FS07SB079E3	06/09/98	Nickel	28	mg/kg	263		
FS07SB079E3	06/09/98	Zinc	34	mg/kg	89		
FS07SB079E5	06/08/98	Chromium	29	mg/kg	94		
FS07SB079E5	06/08/98	Copper	13	mg/kg	52		
FS07SB079E5	06/08/98	Lead	17	mg/kg	477		
FS07SB079E5	06/08/98	Nickel	26	mg/kg	263		
FS07SB079E5	06/08/98	Zinc	31	mg/kg	89		
FS07FE001(3,1.0)	10/21/98	Chromium	27	mg/kg	94		
FS07FE001(3,1.0)	10/21/98	Copper	21	mg/kg	52		
FS07FE001(3,1.0)	10/21/98	Lead	11	mg/kg	477	U	
FS07FE001(3,1.0)	10/21/98	Nickel	32	mg/kg	263		
FS07FE001(3,1.0)	10/21/98	Zinc	34	mg/kg	88.4		
FS07FE002(3,1.0)	10/21/98	Chromium	29	mg/kg	94		
FS07FE002(3,1.0)	10/21/98	Copper	22	mg/kg	52		
FS07FE002(3,1.0)	10/21/98	Lead	11	mg/kg	477	U	
FS07FE002(3,1.0)	10/21/98	Nickel	34	mg/kg	263		
FS07FE002(3,1.0)	10/21/98	Zinc	37	mg/kg	88.4		
FS07FE003(3,1.0)	10/21/98	Chromium	36	mg/kg	94		

Table 3 - 1
Fill Site No.7 Metals Excavations
Final Soil Sample Results
Fill Site No. 7 Soil Remediation Closure Report
Presidio of San Francisco
(Page 9 of 12)

Sample	Sample Date	Analyte	Result	Units	Cleanup Levels	Qualifier ^a	Comments
FS07FE003(3,1.0)	10/21/98	Copper	33	mg/kg	52		
FS07FE003(3,1.0)	10/21/98	Lead	26	mg/kg	477		
FS07FE003(3,1.0)	10/21/98	Nickel	41	mg/kg	263		
FS07FE003(3,1.0)	10/21/98	Zinc	63	mg/kg	88.4		
FS07FE004(3,1.0)	10/21/98	Chromium	39	mg/kg	94		
FS07FE004(3,1.0)	10/21/98	Copper	29	mg/kg	52		
FS07FE004(3,1.0)	10/21/98	Lead	9.3	mg/kg	477	J	
FS07FE004(3,1.0)	10/21/98	Nickel	36	mg/kg	263		
FS07FE004(3,1.0)	10/21/98	Zinc	48	mg/kg	88.4		
FS07EX044(4.5,6.0) ^f	08/26/98	Chromium	29.4	mg/kg	94		
FS07EX044(4.5,6.0)	08/26/98	Copper	4.3	mg/kg	52		
FS07EX044(4.5,6.0)	08/26/98	Lead	12	mg/kg	477	U	
FS07EX044(4.5,6.0)	08/26/98	Nickel	38.5	mg/kg	263		
FS07EX044(4.5,6.0)	08/26/98	Zinc	18.2	mg/kg	88.4		
FS07EX045(4.5,6.0) ^f	08/26/98	Chromium	37.7	mg/kg	94		
FS07EX045(4.5,6.0)	08/26/98	Copper	10.8	mg/kg	52		
FS07EX045(4.5,6.0)	08/26/98	Lead	9.2	mg/kg	477	J	
FS07EX045(4.5,6.0)	08/26/98	Nickel	42.6	mg/kg	263		
FS07EX045(4.5,6.0)	08/26/98	Zinc	38.8	mg/kg	88.4		
FS07EX046(4.5,6.0) ^f	08/26/98	Chromium	28.8	mg/kg	94		
FS07EX046(4.5,6.0)	08/26/98	Copper	13.3	mg/kg	52		
FS07EX046(4.5,6.0)	08/26/98	Lead	12	mg/kg	477	U	
FS07EX046(4.5,6.0)	08/26/98	Nickel	38.5	mg/kg	263		
FS07EX046(4.5,6.0)	08/26/98	Zinc	24	mg/kg	88.4		
FS07EX047(4.5,6.0) ^f	08/26/98	Chromium	31.3	mg/kg	94		
FS07EX047(4.5,6.0)	08/26/98	Copper	121	mg/kg	52		
FS07EX047(4.5,6.0)	08/26/98	Lead	551	mg/kg	477		
FS07EX047(4.5,6.0)	08/26/98	Nickel	35	mg/kg	263		
FS07EX047(4.5,6.0)	08/26/98	Zinc	242	mg/kg	88.4		
FS07EX048(4.5,6.0) ^f	08/26/98	Chromium	35.3	mg/kg	94		
FS07EX048(4.5,6.0)	08/26/98	Copper	14.3	mg/kg	52		
FS07EX048(4.5,6.0)	08/26/98	Lead	33.8	mg/kg	477		
FS07EX048(4.5,6.0)	08/26/98	Nickel	46.1	mg/kg	263		
FS07EX048(4.5,6.0)	08/26/98	Zinc	60.7	mg/kg	88.4		
FS07EX049(4.5,6.0) ^f	08/26/98	Chromium	36.5	mg/kg	94		
FS07EX049(4.5,6.0)	08/26/98	Copper	10.3	mg/kg	52		
FS07EX049(4.5,6.0)	08/26/98	Lead	33.9	mg/kg	477		
FS07EX049(4.5,6.0)	08/26/98	Nickel	44.6	mg/kg	263		
FS07EX049(4.5,6.0)	08/26/98	Zinc	126	mg/kg	88.4		
FS07EX052(4.5,6.0) ^f	08/26/98	Chromium	34.7	mg/kg	94		
FS07EX052(4.5,6.0)	08/26/98	Copper	5.9	mg/kg	52		

Table 3 - 1
Fill Site No.7 Metals Excavations
Final Soil Sample Results
Fill Site No. 7 Soil Remediation Closure Report
Presidio of San Francisco
(Page 10 of 12)

Sample	Sample Date	Analyte	Result	Units	Cleanup Levels	Qualifier ^a	Comments
FS07EX052(4.5,6.0)	08/26/98	Lead	12	mg/kg	477	U	
FS07EX052(4.5,6.0)	08/26/98	Nickel	41.1	mg/kg	263		
FS07EX052(4.5,6.0)	08/26/98	Zinc	22.9	mg/kg	88.4		
FS07EX053(4.5,6.0) ^f	08/26/98	Chromium	31.8	mg/kg	94		
FS07EX053(4.5,6.0)	08/26/98	Copper	9.7	mg/kg	52		
FS07EX053(4.5,6.0)	08/26/98	Lead	22.6	mg/kg	477		
FS07EX053(4.5,6.0)	08/26/98	Nickel	75	mg/kg	263		
FS07EX053(4.5,6.0)	08/26/98	Zinc	44.4	mg/kg	88.4		
Excavation M5							
FS07SB058E1	06/08/98	Chromium	38	mg/kg	94		
FS07SB058E1	06/08/98	Copper	11	mg/kg	52		
FS07SB058E1	06/08/98	Lead	8	mg/kg	477		
FS07SB058E1	06/08/98	Nickel	46	mg/kg	263		
FS07SB058E1	06/08/98	Zinc	23	mg/kg	89		
FS07SB059	01/29/98	Chromium	32	mg/kg	94		
FS07SB059	01/29/98	Copper	21	mg/kg	52		
FS07SB059	01/29/98	Lead	16	mg/kg	477		
FS07SB059	01/29/98	Mercury	0.29	mg/kg	2.79	U	
FS07SB059	01/29/98	Nickel	44	mg/kg	263		
FS07SB059	01/29/98	Zinc	28	mg/kg	89		
FS07SB059(3.0,5.5)E2	06/08/98	Chromium	24	mg/kg	94		
FS07SB059(3.0,5.5)E2	06/08/98	Copper	21	mg/kg	52		
FS07SB059(3.0,5.5)E2	06/08/98	Lead	54	mg/kg	477		
FS07SB059(3.0,5.5)E2	06/08/98	Lead (STLC)	2.4	mg/l	5		
FS07SB059(3.0,5.5)E2	06/08/98	Nickel	29	mg/kg	263		
FS07SB059(3.0,5.5)E2	06/08/98	Zinc	51	mg/kg	89		
FS07SB059E1	06/08/98	Chromium	42	mg/kg	94		
FS07SB059E1	06/08/98	Copper	12	mg/kg	52		
FS07SB059E1	06/08/98	Lead	24	mg/kg	477		
FS07SB059E1	06/08/98	Nickel	49	mg/kg	263		
FS07SB059E1	06/08/98	Zinc	38	mg/kg	89		
FS07SB059E1DUP	06/08/98	Chromium	41	mg/kg	94		FS07DUP060898A1
FS07SB059E1DUP	06/08/98	Copper	13	mg/kg	52		FS07DUP060898A1
FS07SB059E1DUP	06/08/98	Lead	15	mg/kg	477		FS07DUP060898A1
FS07SB059E1DUP	06/08/98	Nickel	55	mg/kg	263		FS07DUP060898A1
FS07SB059E1DUP	06/08/98	Zinc	36	mg/kg	89		FS07DUP060898A1
FS07SB079	01/29/98	Chromium	36	mg/kg	94		
FS07SB079	01/29/98	Copper	10	mg/kg	52		
FS07SB079	01/29/98	Lead	24	mg/kg	477		
FS07SB079	01/29/98	Mercury	0.29	mg/kg	2.79	U	
FS07SB079	01/29/98	Nickel	51	mg/kg	263		

Table 3 - 1
Fill Site No.7 Metals Excavations
Final Soil Sample Results
Fill Site No. 7 Soil Remediation Closure Report
Presidio of San Francisco
(Page 11 of 12)

Sample	Sample Date	Analyte	Result	Units	Cleanup Levels	Qualifier ^a	Comments
FS07SB079	01/29/98	Zinc	34	mg/kg	89		
FS07SB080A4	05/05/98	Chromium	30	mg/kg	94		
FS07SB080A4	05/05/98	Copper	21	mg/kg	52		
FS07SB080A4	05/05/98	Lead	130	mg/kg	477		
FS07SB080A4	05/05/98	Lead (STLC)	2.3	mg/l	5		
FS07SB080A4	05/05/98	Nickel	44	mg/kg	263		
FS07SB080A4	05/05/98	Zinc	60	mg/kg	89		
FS07SB080A5	05/05/98	Chromium	50	mg/kg	94		
FS07SB080A5	05/05/98	Copper	12	mg/kg	52		
FS07SB080A5	05/05/98	Lead	27	mg/kg	477		
FS07SB080A5	05/05/98	Nickel	60	mg/kg	263		
FS07SB080A5	05/05/98	Zinc	64	mg/kg	89		
FS07EX050(4.5,6.0) ^f	08/26/98	Chromium	47.3	mg/kg	94		
FS07EX050(4.5,6.0)	08/26/98	Copper	24.8	mg/kg	52		
FS07EX050(4.5,6.0)	08/26/98	Lead	45.2	mg/kg	477		
FS07EX050(4.5,6.0)	08/26/98	Nickel	151	mg/kg	263		
FS07EX050(4.5,6.0)	08/26/98	Zinc	62.1	mg/kg	88.4		
FS07EX050(4.5,6.0)DUP	08/26/98	Chromium	33.1	mg/kg	94		FS07DUP082698A
FS07EX050(4.5,6.0)DUP	08/26/98	Copper	18.7	mg/kg	52		FS07DUP082698A
FS07EX050(4.5,6.0)DUP	08/26/98	Lead	37.1	mg/kg	477		FS07DUP082698A
FS07EX050(4.5,6.0)DUP	08/26/98	Nickel	38	mg/kg	263		FS07DUP082698A
FS07EX050(4.5,6.0)DUP	08/26/98	Zinc	48.9	mg/kg	88.4		FS07DUP082698A
FS07EX051(4.5,6.0) ^f	08/26/98	Chromium	39.5	mg/kg	94		
FS07EX051(4.5,6.0)	08/26/98	Copper	9.5	mg/kg	52		
FS07EX051(4.5,6.0)	08/26/98	Lead	42.2	mg/kg	477		
FS07EX051(4.5,6.0)	08/26/98	Nickel	36.2	mg/kg	263		
FS07EX051(4.5,6.0)	08/26/98	Zinc	42.8	mg/kg	88.4		
Excavation M6							
FS07SB084(3.0,5.5)A	01/28/98	Chromium	26	mg/kg	94		
FS07SB084(3.0,5.5)A	01/28/98	Copper	3.9	mg/kg	52		
FS07SB084(3.0,5.5)A	01/28/98	Lead	2.9	mg/kg	477		
FS07SB084(3.0,5.5)A	01/28/98	Nickel	30	mg/kg	263		
FS07SB084(3.0,5.5)A	01/28/98	Zinc	57	mg/kg	89		
FS07SB084A3	05/06/98	Chromium	32	mg/kg	94		
FS07SB084A3	05/06/98	Copper	7.5	mg/kg	52		
FS07SB084A3	05/06/98	Lead	6.6	mg/kg	477		
FS07SB084A3	05/06/98	Nickel	37	mg/kg	263		
FS07SB084A3	05/06/98	Zinc	21	mg/kg	89		
FS07SB084A4	05/05/98	Chromium	36	mg/kg	94		
FS07SB084A4	05/05/98	Copper	11	mg/kg	52		
FS07SB084A4	05/05/98	Lead	26	mg/kg	477		

Table 3 - 1
Fill Site No.7 Metals Excavations
Final Soil Sample Results
Fill Site No. 7 Soil Remediation Closure Report
Presidio of San Francisco
(Page 12 of 12)

Sample	Sample Date	Analyte	Result	Units	Cleanup Levels	Qualifier ^a	Comments
FS07SB084A4	05/05/98	Nickel	29	mg/kg	263		
FS07SB084A4	05/05/98	Zinc	57	mg/kg	89		
FS07SB084A5	05/05/98	Chromium	53	mg/kg	94		
FS07SB084A5	05/05/98	Copper	9.5	mg/kg	52		
FS07SB084A5	05/05/98	Lead	11	mg/kg	477		
FS07SB084A5	05/05/98	Nickel	78	mg/kg	263		
FS07SB084A5	05/05/98	Zinc	46	mg/kg	89		
FS07SB084A6	05/05/98	Chromium	50	mg/kg	94		
FS07SB084A6	05/05/98	Copper	24	mg/kg	52		
FS07SB084A6	05/05/98	Lead	55	mg/kg	477		
FS07SB084A6	05/05/98	Lead (STLC)	1	mg/l	5	U	
FS07SB084A6	05/05/98	Nickel	84	mg/kg	263		
FS07SB084A6	05/05/98	Zinc	42	mg/kg	89		

^a Qualifiers

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

^b milligrams per kilogram

^c Soluble Limit Threshold Concentration by Title 22, California Waste Extraction Test (Cal WET)

^d milligrams per liter

^e Serpentinite cleanup levels applicable

^f soil sample beneath 12-kilovolt electrical utility line conduit

^g duplicate sample

^h sample number as it appears on chain-of-custody form

Checked by: C. Roalson 3/6/99
Approved by: J. Smith 3/4/99

Table 3 - 2
Fill Site No. 7 Excavation M1
Petroleum Hydrocarbons and Polycyclic Aromatic Hydrocarbons Results for Soil
Fill Site No. 7 Soil Remediation Closure Report
Presidio of San Francisco
(Page 1 of 1)

Sample	Sample Date	Analyte	Result	Units	Cleanup Levels	Qualifier ^a	Comments
FS07EX054(1.5)	09/16/98	Diesel	5.5	mg/kg	700	J	
FS07EX054(1.5)	09/16/98	Fuel Oil	150	mg/kg	980		
FS07EX054(1.5)	09/16/98	Benzo(a)anthracene	0.41	mg/kg	See Total ^c	U	
FS07EX054(1.5)	09/16/98	Benzo(a)pyrene	0.1	mg/kg	0.3	U	
FS07EX054(1.5)	09/16/98	Benzo(b)fluoranthene	0.041	mg/kg	See Total ^c	U	
FS07EX054(1.5)	09/16/98	Benzo(k)fluoranthene	0.041	mg/kg	See Total ^c	U	
FS07EX054(1.5)	09/16/98	Chrysene	0.21	mg/kg	See Total ^c	U	
FS07EX054(1.5)	09/16/98	Total Carcinogenic PAHs ^d	0.8	mg/kg	13	U	
FS07EX055(3.0)	09/16/98	Diesel	110	mg/kg	700	U	
FS07EX055(3.0)	09/16/98	Fuel Oil	310	mg/kg	980		
FS07EX055(3.0)	09/16/98	Benzo(a)anthracene	0.42	mg/kg	See Total ^c	U	
FS07EX055(3.0)	09/16/98	Benzo(a)pyrene	0.11	mg/kg	0.3	U	
FS07EX055(3.0)	09/16/98	Benzo(b)fluoranthene	0.042	mg/kg	See Total ^c	U	
FS07EX055(3.0)	09/16/98	Benzo(k)fluoranthene	0.042	mg/kg	See Total ^c	U	
FS07EX055(3.0)	09/16/98	Chrysene	0.21	mg/kg	See Total ^c	U	
FS07EX055(3.0)	09/16/98	Total Carcinogenic PAHs	0.82	mg/kg	13	U	

^a Qualifiers

U - The analyte was analyzed for, but was not detected above the reported sample quantation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

^b milligrams per kilogram

^c See cleanup level for total carcinogenic PAHs

^d Polycyclic Aromatic Hydrocarbons

Checked by: C. P. [Signature] 3/3/99
Approved by: [Signature] 3/4/99

25 November 2003
Project No. 2893.08

Mr. George Ford
The Presidio Trust
1750 Lincoln Boulevard
San Francisco, CA 94129

**Subject: Draft Data Summary for Additional Zinc Sampling
 Fill Site 7
 Presidio of San Francisco, San Francisco, California**

Dear Mr. Ford:

Treadwell & Rollo, Inc. (Treadwell & Rollo) has prepared this *Data Summary for Additional Zinc Sampling* presenting the results of additional post-marsh construction confirmation soil sampling at former Fill Site 7 located in the Presidio of San Francisco (Presidio). This additional closure confirmation sampling was performed at your request to document that zinc concentrations in soils in the vicinity of sample CFMSS3 within the former Fill Site 7, now the Crissy Field Tidal Marsh, do not exceed cleanup levels. The locations of Crissy Field, Fill Site 7 and the tidal marsh are shown on Figure 2. The confirmation sampling was conducted in accordance with Trust's 16 May 2003 letter to the Department of Toxic Substances Control (DTSC) regarding *Additional Zinc Sampling, Former Fill Site 7 Area, Crissy Tidal Marsh, Presidio of San Francisco* which outline the additional zinc sampling plan. That letter was issued in response to a request from the DTSC for the Trust to perform additional sampling in this area to confirm that the Army's cleanup operation had achieved cleanup goals.

Background and Previous Investigation Results

Fill Site 7 is located in Crissy Field at the northern boundary of the Presidio (Figure 2). Prior to 1915, the Crissy Field area was tidal marshland. These wetlands were filled with a 3- to 6 foot-thick hydraulically placed sand layer in order to construct dry land for the Panama-Pacific International Exposition of 1915. After 1915, the Army built the Crissy Army Airfield as well as temporary housing barracks, supply stockpile areas, warehouses and airplane hangars. Between 1915 and 1974, additional fill soils were placed on top of the 1915 sand layer, and most of Crissy Field was covered with asphalt and concrete.

Beginning in the late 1990s, the Army and the DTSC, in consultation with other stakeholders, developed soil cleanup levels and proposed remedial actions for the Crissy Field Area. These are presented in the *Final Crissy Field Remedial Action Plan* (Crissy Field RAP) dated April 1998. The Army conducted remediation and sampling activities in the Crissy Field Area in 1998 and 1999. International Technology Corporation (IT Corp.), prepared soil remediation closure reports on behalf of the Army (IT Corp., 1999a and 1999b). The Crissy Field RAP required the Army to perform limited closure sampling at Fill Site 7 to confirm that soils left in place did not exceed cleanup levels. The Presidio Trust (Trust) inherited this obligation through the 1999 Memorandum of Agreement with the Army.

Table 1
Analytical Results for Metals Summary
Fill Site 7
 Presidio of San Francisco, California

Confirmation Soil Samples			Chromium	Copper	Lead	Mercury	Nickel	Zinc
Analytical Method			SW6010B	SW6010B	SW6010B	SW7470	SW6010B	SW6010B
Cleanup Level			94	52	477	2.79	263	89
Sample ID	Sample Depth (feet)	Sample (Analyzed) Date						
CFMSS1[1.0]	1.0	07/20/01	54	35	64	0.18	79	69
CFMSS2[0.5]	0.5	07/20/01	29	14	35	0.14	34	30
CFMSS3[1.0]	1.0	07/20/01	28	40	160	0.48	39	98
DUP0720	1.0	07/20/01	27	23	110	0.36 J-	37	110
CFMSS4[1.75]	1.75	07/20/01	42	9.8	12	0.052	59	25
CFMSS5[0.5]	0.5	07/20/01	21	6	9.8	0.029	29	21
CFMSS6[1.5]	1.5	07/20/01	35	6.1	3.1	0.033	32	12
CFMSS7[1.5]	1.5	07/20/01	34	6.2	2.4	0.07	29	13
CFMSS8[0.5]	0.5	07/20/01	32	7.8	7.5	0.029	43	20
CFMSS9[0.5]	0.5	07/20/01	44	8.9	12	0.054	53	37
CFMSS10[1.5]	1.5	07/20/01	30	2.7	1.2	0.021	37	11
CFMSS11[1]	1.0	07/21/03	NA	NA	NA	NA	NA	58
homogenized		(8/27/03)	NA	NA	NA	NA	NA	61
CFMSS12[1]	1.0	07/21/03	NA	NA	NA	NA	NA	99
homogenized		(8/27/03)	NA	NA	NA	NA	NA	240
CFMSS13[1]	1.0	07/21/03	NA	NA	NA	NA	NA	320
homogenized		(8/27/03)	NA	NA	NA	NA	NA	81
DUP072103	0.5	07/21/03	NA	NA	NA	NA	NA	86
homogenized		(8/27/03)	NA	NA	NA	NA	NA	100
CFMSS14[1]	1.0	07/21/03	NA	NA	NA	NA	NA	110
homogenized		(8/27/03)	NA	NA	NA	NA	NA	180
QA/QC Field Equipment Rinsate Sample								
CFMSS12RB13		07/21/03	NA	NA	NA	NA	NA	<20

Notes

Cleanup Level - From Appendix A of the Final Crissy Field Remedial Action Plan, (Army & DTSC, 1998).

All confirmation soil sample concentrations are in milligrams per kilogram (mg/kg).

All QA/QC field equipment rinsate sample concentrations are in micrograms per Liter (µg/L).

feet - feet below ground surface

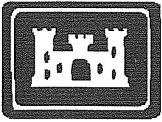
DUP0720 - Duplicate sample of CFMSS3[1.0]

DUP072103 - Duplicate sample of CFMSS13[1]

NA - Not analyzed

"J-" - denotes the reported concentration is estimated.

Bold - Reported concentration exceeds cleanup level.



**U.S. Army Corps of Engineers
Sacramento District**

***PRE-REMEDIATION SAMPLING DATA SUMMARY
CRISSY FIELD
PRESIDIO OF SAN FRANCISCO, CALIFORNIA***

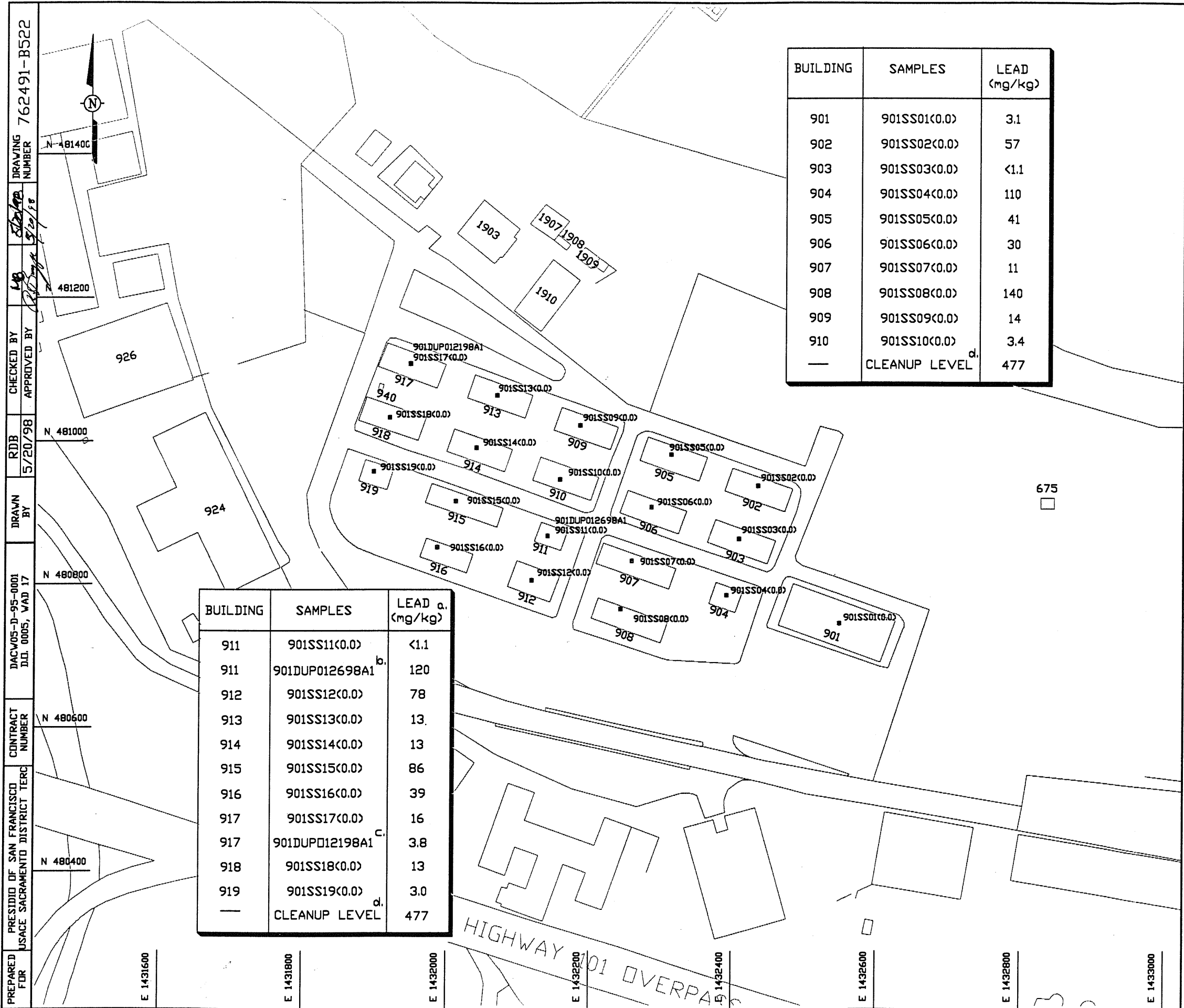
Volume I

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**INTERNATIONAL
TECHNOLOGY
CORPORATION**





DRAFT
REMEDIAL ACTION EXCAVATION REPORT
CRISSY FIELD RIFLE INSTITUTE AND SKEET RANGES BEACH AREA

Prepared for:

The Presidio Trust
34 Graham Street, P.O. Box 29052
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February 2003



Table 3
Summary of Pre-Excavation Soil Sample Results
Crissy Field Rifle Institute and Skeet Ranges Beach Area
Presidio of San Francisco, California

			TPH as Diesel (C ₁₂ -C ₂₄) mg/Kg	TPH as Diesel (C ₁₂ -C ₂₄) w/ SGCU mg/Kg	TPH as Fuel Oil (C ₂₄ -C ₃₆) mg/Kg	TPH as Fuel Oil (C ₂₄ -C ₃₆) w/ SGCU mg/Kg	Acenaphthene µg/Kg	Acenaphthylene µg/Kg	Anthracene µg/Kg	Benzo (a) Anthracene µg/Kg	Benzo (a) Pyrene µg/Kg	Benzo (b) Fluoranthene µg/Kg	Benzo (g,h,i) Perylene µg/Kg	Benzo (k) Fluoranthene µg/Kg	Chrysene µg/Kg	Dibenz (a,h) Anthracene µg/Kg	Fluoranthene µg/Kg	Fluorene µg/Kg	Indeno (1,2,3-c,d) Pyrene µg/Kg	Naphthalene µg/Kg	Phenanthrene µg/Kg	Pyrene µg/Kg	Lead µg/Kg	
			Analytical Method	MOD 8015	MOD 8015	MOD 8015	MOD 8015	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW6010	
Cleanup Level				144	144	144	144	NE	NE	1,120,000	500	200	500	NE	500	5,000	NE	1,160,000	220,000	500	140,000	410,000	910,000	447
Sample Name	Sample Date	Sample Depth (feet)																						
CFRICA1-7 0-1.5	5/24/2001	0-1.5	16 YH	NA	96	NA	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	17 J-	
CFRICA1-7 1.5-3	5/24/2001	1.5-3.0	5.5 YH	NA	70	NA	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	5.4 J-	
CFRICA1-8 0-1.5	5/24/2001	0-1.5	<1	NA	<5.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
CFRICA1-8 1.5-3	5/24/2001	1.5-3.0	4.7 YH	NA	96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
CFRICA1-8 3-5	5/24/2001	3.0-5.0	180 YH	220 bYH	660	640 b J-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
CFRICA1-9 3-5	5/24/2001	3.0-5.0	93 bYH J-	NA	NA	650 b J-	<4,200 UJ	<4,200 UJ	<4,200 UJ	<4,200 UJ	<4,200 UJ	<4,200 UJ	<4,200 UJ	<4,200 UJ	<4,200 UJ	<4,200 UJ	<4,200 UJ	<4,200 UJ	<4,200 UJ	<4,200 UJ	<4,200 UJ	<4,200 UJ	12	
CFRICA1-10 0-1.5	5/24/2001	0-1.5	7.8 Y	NA	<5.3	NA	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	72	<52	<52	<52	<52	<52	2.4 J-	
CFRICA1-10 1.5-3	5/24/2001	1.5-3.0	<1.1	NA	<5.5	NA	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	2.5 J-	
CFRICA1-11 0-1.5	5/24/2001	0-1.5	<1.1	NA	<5.4	NA	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	NA	
CFRICA1-11 1.5-3	5/24/2001	1.5-3.0	<1	NA	<5.2	NA	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	NA	
CFRICA1-11 3-5	5/24/2001	3.0-5.0	62 Y	NA	27 YL	NA	240	<56	190	93	<56	<56	<56	<56	100	<56	710	410	<56	140	1300	300	NA	
CFRICA1-12 3-4.5	5/24/2001	3.0-4.5	NA	25 bY J-	NA	<5.5 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
CFRICA1-12 4.5-6	5/24/2001	4.5-6.0	NA	<1.1 R	NA	<5.5 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
CFRICA1-13 0-1.5	5/24/2001	0-1.5	<1.1	NA	<5.6	NA	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	2.6 J-	
CFRICA1-13 1.5-3	5/24/2001	1.5-3.0	<1.1	NA	<5.6	NA	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	2.3 J-	
CFRICA1-13 3-4.5	5/24/2001	3.0-4.5	19 YH	NA	190	160 b J-	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	<110	43 J-	
CFRICA1-13 4.5-6	5/24/2001	4.5-6.0	<1.1	NA	<5.7	NA	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	2.5 J-	
CFRICA1-14 3-4.5	5/25/2001	3.0-4.5	<1.1 UJ	NA	NA	<5.7 UJ	<57 UJ	<57 UJ	<57 UJ	<57 UJ	<57 UJ	<57 UJ	<57 UJ	<57 UJ	<57 UJ	<57 UJ	<57 UJ	<57 UJ	<57 UJ	<57 UJ	<57 UJ	<57 UJ	3	
CFRICA1-14 4.5-6	5/25/2001	4.5-6.0	<1.2 UJ	NA	NA	<6.1 UJ	<60 UJ	<60 UJ	<60 UJ	<60 UJ	<60 UJ	<60 UJ	<60 UJ	<60 UJ	<60 UJ	<60 UJ	<60 UJ	<60 UJ	<60 UJ	<60 UJ	<60 UJ	<60 UJ	2.9	
CFRICA1-17 3-4.5	5/25/2001	3.0-4.5	NA	<1.1 R	NA	<5.5 R	<37 R	<73 R	<18 R	<3.7 R	<3.7 R	<7.4 R	<7.4 R	<3.7 R	<3.7 R	<7.4 R	<15 R	<37 R	<3.7 R	<37 R	<18 R	<7.4 R	NA	
CFRICA1-17 4.5-6	5/25/2001	4.5-6.0	NA	<1.1 R	NA	<5.4 R	<36 R	<72 R	<18 R	<3.6 R	<3.6 R	<7.4 R	<7.4 R	<3.6 R	<3.6 R	<7.4 R	<14 R	<36 R	<3.6 R	<36 R	<18 R	<7.4 R	NA	
CFRICA4-1 6-7.5	5/24/2001	6.0-7.5	18 YH	NA	120	NA	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	16 J-	
CFRICA4-1 7.5-9	5/24/2001	7.5-9.0	5.9 YH	NA	54	NA	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	NA	
CFRICA4-5 0-1.5	5/24/2001	0-1.5	<1.1	NA	<5.6	NA	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	2.4 J-	
CFRICA4-5 1.5-3	5/24/2001	1.5-3.0	4.6 Y	NA	<5.7	NA	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	2.9 J-	
CFRICA4-5 3-4.5	5/24/2001	3.0-4.5	24 YH	NA	230	190 b J-	<280	<280	<280	<280	<280	<280	<280	<280	<280	<280	<280	<280	<280	<280	<280	<280	4.9 J-	
CFRICA4-5 4.5-6	5/24/2001	4.5-6.0	29 YH	NA	300	290 b J-	<280	<280	<280	<280	<280	<280	<280	<280	<280	<280	<280	<280	<280	<280	<280	<280	18 J-	
CFRICA4-5 6-7.5	5/24/2001	6.0-7.5	28 YH	NA	150	NA	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	NA	
CFRICA4-6 0-2	5/25/2001	0-2.0	7.4 YH	NA	45	NA	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	35 J-	
CFRICA4-7 0-1.5	5/25/2001	0-1.5	<1.1	NA	<5.6	NA	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	NA	
CFRICA4-7 1.5-3	5/25/2001	1.5-3.0	<1.1	NA	<5.6	NA	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	NA	
CFRICA4-7 3-4.5	5/25/2001	3.0-4.5	19 YH	NA	100	NA	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	NA	
CFRICA4-7 4.5-6	5/25/2001	4.5-6.0	1.2 YH	NA	8.7	NA	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	<57	NA	
CFRICA4-9 0-1.5	5/25/2001	0-1.5	<1.2	NA	<5.8	NA	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	<58	1.9 J-	
CFRICA4-9 1.5-3	5/25/2001	1.5-3.0	<1.1	NA	<5.4	NA	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	110	<54	<54	<54	92	56	2.8 J-	
CFRICA4-9 6-7.5	5/25/2001	6.0-7.5	<1.1	NA	<5.6	NA	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	<56	2.1 J-	
CFRICA4-9 7.5-9	5/25/2001	7.5-9.0	<1.1	NA	<5.5	NA	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	NA	
CFRICA4-4 0-1.5	5/25/2001	0-1.5	<1	NA	<5.2	NA	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	NA	
CFRICA4-4 1.5-3	5/25/2001	1.5-3.0	<1	NA	<5.1	NA	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	NA	
CFRICA4-4 3-4.5	5/25/2001	3.0-4.5	<1.1	NA	<5.5	NA	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	NA	
CFRICA4-4 4.5-6	5/25/2001	4.5-6.0	<1.1	NA	<5.3	NA	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	NA	
CFRICA4-6 0-1.5	5/25/2001	0-1.5	<1	NA	<5.2	NA	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	NA	
CFRICA4-6 1.5-3	5/25/2001	1.5-3.0	<1	NA	<5.2	NA	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	NA	
CFRICA4-6 3-4.5	5/25/2001	3.0-4.5	<1.1	NA	<5.4	NA	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	<54	NA	
CFRICA4-6 4.5-6	5/25/2001	4.5-6.0	<1.1	NA	<5.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
CFRICA4-7 0-1.5	5/25/2001	0-1.5	<1	NA	<5.2	NA	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	3.7 J-	
CFRICA4-7 1.5-3	5/25/2001	1.5-3.0	<1	NA	<5.2	NA	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	2.2 J-	
CFRICA4-7 3-4.5	5/25/2001	3.0-4.5	<1.1	NA	<5.5	NA	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	<55	2.2 J-	
CFRICA4-7 4.5-6	5/25/2001	4.5-6.0	<1.1	NA	<5.3	NA	<53	<53	<53	<														

Table 3
Summary of Pre-Excavation Soil Sample Results
Crissy Field Rifle Institute and Skeet Ranges Beach Area
Presidio of San Francisco, California

			TPH as Diesel (C ₁₂ -C ₂₄) mg/Kg	TPH as Diesel (C ₁₂ -C ₂₄) w/ SGCU mg/Kg	TPH as Fuel Oil (C ₂₄ -C ₃₆) mg/Kg	TPH as Fuel Oil (C ₂₄ -C ₃₆) w/ SGCU mg/Kg	Acenaphthene µg/Kg	Acenaphthylene µg/Kg	Anthracene µg/Kg	Benzo (a) Anthracene µg/Kg	Benzo (a) Pyrene µg/Kg	Benzo (b) Fluoranthene µg/Kg	Benzo (g,h,i) Perylene µg/Kg	Benzo (k) Fluoranthene µg/Kg	Chrysene µg/Kg	Dibenz (a,h) Anthracene µg/Kg	Fluoranthene µg/Kg	Fluorene µg/Kg	Indeno (1,2,3-c,d) Pyrene µg/Kg	Naphthalene µg/Kg	Phenanthrene µg/Kg	Pyrene µg/Kg	Lead µg/Kg
		Analytical Method	MOD 8015	MOD 8015	MOD 8015	MOD 8015	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW8270	SW6010
Cleanup Level			144	144	144	144	NE	NE	1,120,000	500	200	500	NE	500	5,000	NE	1,160,000	220,000	500	140,000	410,000	910,000	447
Sample Name	Sample Date	Sample Depth (feet)																					
CFRIWA1-6 3-4.5	5/24/2001	3.0-4.5	3.3 YH	NA	21	NA	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	120 J-
CFRIWA1-6 4.5-6	5/24/2001	4.5-6.0	2 Y	NA	8.8	NA	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	9.3 J-
CFRIWA1-7 3-4.5	5/24/2001	3.0-4.5	< 1.1	NA	< 5.7	NA	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	2.8 J-
CFRIWA1-7 4.5-6	5/24/2001	4.5-6.0	< 1.1	NA	< 5.6	NA	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	8.7 J-
CFRIWA1-7 6-7.5	5/24/2001	6.0-7.5	< 1.1	NA	5.9	NA	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	NA
CFRIWA4-7 6.0-7.5	5/24/2001	6.0-7.4	< 1.2	NA	< 5.8	NA	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	1.1 J-
CFRIWA4-7 7.5-9	5/24/2001	7.5-9.0	4.4 YH	NA	7.4	NA	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	NA
CFRIWA4-9 3-4.5	5/24/2001	3.0-4.5	6.7 YH J+	NA	22 Y	NA	210	< 54	260	2,800	4,600	4,600	2,200 J+	2,100	3,700	730	2,700	110	1,800	260	1,100	4,000	9 J-
CFRIWA4-9 4.5-6	5/24/2001	4.5-6.0	< 1.1	NA	< 5.4	NA	< 54	< 54	< 54	< 54	< 54	< 54	< 54	< 54	< 54	< 54	< 54	< 54	< 54	< 54	< 54	< 54	5 J-
CFRIWA4-9 6-7.5	5/24/2001	6.0-7.5	49 YH	NA	170	160 b J-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CFRIWA4-9 7.5-9	5/24/2001	7.5-9.0	57 YH b J-	NA	NA	140 b J-	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	6.8
CFRIWA4-10 3-4.5	5/24/2001	3.0-4.5	2.3 bYH J-	NA	NA	16 b J-	< 56 UJ	< 56 UJ	< 56 UJ	< 56 UJ	< 56 UJ	< 56 UJ	< 56 UJ	< 56 UJ	< 56 UJ	< 56 UJ	< 56 UJ	< 56 UJ	< 56 UJ	< 56 UJ	< 56 UJ	< 56 UJ	2.8
CFRIWA4-10 4.5-6	5/24/2001	4.5-6.0	< 1.2 UJ	NA	NA	< 5.9 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	< 58 UJ	2.5
CFRIWA4-10 6-7.5	5/24/2001	6.0-7.5	17 YH	NA	89	NA	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	NA
CFRIWA4-11 3-4.5	5/24/2001	3.0-4.5	800 YH	700 bYH	1,200	700 bL J-	8,000	< 1,100	25,000	23,000	18,000	11,000	6,500 J+	6,700	23,000	3,000	38,000	11,000	5,600	2,300	88,000	76,000	.95 J-
CFRIWA4-11 4.5-6	5/24/2001	4.5-6.0	21 YH	NA	110	NA	< 57	< 57	< 57	< 57	< 57	< 57	< 57	< 57	< 57	< 57	< 57	< 57	< 57	< 57	< 57	< 57	20 J-
CFRIWA4-12 3-4.5	5/24/2001	3.0-4.5	2.1 YH	NA	11	NA	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	< 58	2.4 J-
CFRIWA4-12 4.5-6	5/24/2001	4.5-6.0	< 1.1	NA	< 5.5	NA	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	9.1 J-

Notes
SGCU - Total petroleum hydrocarbons (TPH) analysis using silica gel cleanup preparation by EPA Method 3630C.
TPH as Fuel Oil using a motor oil standard with a carbon range of C24-C36.
Cleanup levels from Table 1.
Bold values indicate positive detections that exceed the cleanup levels.
mg/kg - milligrams per kilogram
µg/Kg - micrograms per kilogram
NE - not established
NA - not analyzed
H - Laboratory reports that heavier hydrocarbons contributed to the quantitation.
L - Laboratory reports that lighter hydrocarbons contributed to the quantitation.
Y - Laboratory reports that sample exhibits fuel pattern which does not resemble standard.
b - Laboratory reports sample analysed passed hold tim
J+ or J- - The analyte was positively identified; the associated numerical value is the approximate concentration (biasd high [+] or low [-]) of the analyte in the sample.
UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R - The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet the quality control criteria. The presence or absence of the analyte cannot be verified.

Table 5
Summary of Confirmation Soil Sample Results
Crissy Field Rifle Institute and Skeet Ranges Beach Area
Presidio of San Francisco, California

			TPH as Diesel (C ₁₂ -C ₂₄) mg/Kg	TPH as Fuel Oil (C ₂₄ -C ₃₆) mg/Kg	Acenaphthene µg/Kg	Acenaphthylene µg/Kg	Anthracene µg/Kg	Benzo (a) Anthracene µg/Kg	Benzo (a) Pyrene µg/Kg	Benzo (b) Fluoranthene µg/Kg	Benzo (g,h,i) Perylene µg/Kg	Benzo (k) Fluoranthene µg/Kg	Chrysene µg/Kg	Dibenz (a,h) Anthracene µg/Kg	Fluoranthene µg/Kg	Fluorene µg/Kg	Indeno (1,2,3-c,d) Pyrene µg/Kg	Naphthalene µg/Kg	Phenanthrene µg/Kg	Pyrene µg/Kg	Lead µg/Kg
		Analytical Method	MOD 8015	MOD 8015	SW8310	SW8310	SW8310	SW8310	SW8310	SW8310	SW8310	SW8310	SW8310	SW8310	SW8310	SW8310	SW8310	SW8310	SW8310	SW8310	SW6010
Cleanup Level			144	144	NE	NE	1,120,000	500	200	500	NE	500	5,000	NE	1,160,000	220,000	500	140,000	410,000	910,000	447
Sample Name	Sample Date	Sample Depth (feet)																			
CFRICAEX1[7.5]	5/31/02	7.5	<1.2 UJ	2.9 JH J-	<41	<81 UJ	<4.1 UJ	<4.1	1.2 J	<8.1	<8.1	<4.1	<4.1	<8.1	<8.1	<8.1	7.4	<41	<4.1	<4.1	19 J-
DUP053102	5/31/02	7.5	<1.2 UJ	10 H J-	<40	<81	<4 UJ	<4	2.1 J	<8.1	<8.1	<4	<4	<8.1	<8.1	<8.1	<4	<40	<4	<4	23 J-
CFRICAEX2[4.0]	5/31/02	4.0	6.7 YH J-	88 J	<350	<690 UJ	18 J J-	120	160	160	130	69	140	190	140	<69	76	<350	72	150	9.2 J-
CFRICAEX3[4.0]	5/31/02	4.0	2 YH	17 H	<39 UJ	<78 UJ	<3.9 UJ	<3.9 UJ	1.7 J J-	<7.8 UJ	<7.8 UJ	<3.9 UJ	3.6 J J-	<7.8 UJ	<7.8 UJ	<7.8 UJ	<3.9 UJ	<39 UJ	<3.9 UJ	<3.9 UJ	9.9 J-
CFRICAEX3[4.0] RE	5/31/02	4.0	1.6 YH J-	12 H	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<390	<39	39 J	20 J-
CFRIEA1EX1[6.5]	5/28/02	6.5	<1.2	3.9 J	<390	<790	<39 UJ	<39	47	<79	<79	<39	60	<79	57 J	<79	<39	<390	<39	39 J	38 J-
CFRIEA1EX2[4.0]	5/28/02	4.0	25 YH	130	<370	<740	<37 UJ	350	380	410	320	230	340	430	410	<74	500	<370	63	420	38 J-
CFRIEA1EX3[3.5]	5/28/02	3.5	10 YH	70	<190	<380	<19 UJ	33	22	32 J	26 J	9.3 J	74	<38	64	<38	<19	<190	28	43	79 J-
CFRIEA1EX4[4.0]	5/28/02	4.0	8.2 YH	63	<370	<740	<37 UJ	87	100	100	140	51	110	110	78	<74	130	<370	40	84	22 J-
CFRIEA1EX5[4.0]	6/4/02	4.0	<1 UJ	<5.1 UJ	<34	<69 UJ	<3.4 UJ	5.5 J	6.8	7.8 J	5 J J	3 J	6.5	12 J	7.5 J	<6.9	12 J+	<34	4.5	8.7 J	3.8
CFRIEA1EX6[3.5]	9/6/02	3.5	2.5 YH	18	<340	<690	<34	200	410	440	440	180	260	370	190	<69	660	<340	<34	190	12
CFRIEA1EX6[3.5] RE	9/6/02	3.5	NA	NA	<34	<69	11 J-	15	22	16	17	<3.4	23	12	28	<6.9	13	<34	21	29	NA
DUP090602	9/6/02	3.5	8.8 YH	90	<380	<760	<38	40	45	<76	86	<38	63	<76	<76	<76	<38	<380	<38	<38	13
DUP090602 RE	9/6/02	3.5	NA	NA	<380	<760	<38	12	26	20	22	10	22	17	17	<76	17	<380	6.8	17	NA
CFRIEA1EX7[3.5]	12/30/02	3.5	<1.1 UJ	2.6 YJ-	<38	<76	<3.8	<3.8	3.7 J	<7.6	<7.6	<3.8	5.6	<7.6	<7.6	<7.6	6.8	<38	7.2	5.4 J	NA
CFRICA1-18[2-3.5]	12/30/02	2-3.5	<1.2	<5.9	<40 UJ	<79 UJ	<4.0 UJ	<4.0 UJ	<4.0 UJ	<7.9 UJ	<7.9 UJ	<4.0 UJ	<4.0 UJ	<7.9 UJ	<7.9 UJ	<7.9 UJ	<4.0 UJ	<40 UJ	7.4 J-	<4.0 UJ	NA
CFRICA1-18[3.5-5]	12/30/02	3.5-5	<1.2 UJ	<5.9 UJ	<39 UJ	<78 UJ	<3.9 UJ	<3.9 UJ	<3.9 UJ	<7.8 UJ	<7.8 UJ	<3.9 UJ	5.9 J-	<7.8 UJ	<7.8 UJ	<7.8 UJ	<3.8 UJ	<39 UJ	7.1 J-	<3.9 UJ	NA
DUP 123002A	12/30/02	3.5-5	<1.2	3.8 JY	<39 UJ	<78 UJ	<3.9 UJ	<3.9 UJ	<3.9 UJ	<7.8UJ	<7.8 UJ	<3.9 UJ	5.6 J-	<7.8 UJ	<7.8 UJ	<7.8 UJ	<3.9 UJ	<39 UJ	7.0 J-	<3.9 UJ	NA
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
CFRIEA1EX6(3.5)RB	9/6/02	-	<50	<300	<0.09	<0.09	<0.19	<0.09	<0.19	<0.19	<0.09	<1.9	<0.09	<0.09	<0.19	<0.09	<0.94	<0.09	<0.19	<0.94	<3
CFRIEA1EX7[3.5]RB	12/30/02		<50 UJ	<300 UJ	<0.94	<1.9	<0.09	<0.09	<0.09	<0.19	<0.19	<0.09	<0.09	<0.19	<0.19	<0.19	<0.09	<0.94	<0.09	<0.09	NA

Notes

Total petroleum hydrocarbons (TPH) analysis prepared with silica gel cleanup by EPA Method 3630C.

TPH as Fuel Oil using a motor oil standard with a carbon range of C₂₄-C₃₆.

Cleanup levels from Table 1.

Bold values indicate positive detections that exceed the cleanup levels.

mg/kg - milligrams per kilogram

µg/Kg - micrograms per kilogram

µg/L - micrograms per liter

NE - not established

NA - not analyzed

RB - denotes equipment rinsate sample.

RE - denotes sample re-extracted and re-run.

H - Laboratory reports that heavier hydrocarbons contributed to the quantitation.

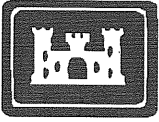
L - Laboratory reports that lighter hydrocarbons contributed to the quantitation.

Y - Laboratory reports that sample exhibits fuel pattern which does not resemble standard.

J - Estimated value

J+ or J- - The analyte was positively identified; the associated numerical value is the approximate concentration (biased high [+] or low [-]) of the analyte in the sample.

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.



**U.S. Army Corps of Engineers
Sacramento District**

***SOIL REMEDIATION CLOSURE REPORT
CRISSY FIELD AREA
PRESIDIO OF SAN FRANCISCO, CALIFORNIA***

June 1999

***Sacramento TERC
Contract No. DACW05-95-D-0001***



**INTERNATIONAL
TECHNOLOGY
CORPORATION**

Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 1 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
Excavation 1						
CFRIEX002(2.0) ^d	06/09/98	Benzo(a)anthracene	0.038	0.5	U	
CFRIEX002(2.0)	06/09/98	Benzo(a)pyrene	0.038	0.2	U	
CFRIEX002(2.0)	06/09/98	Benzo(b)fluoranthene	0.076	0.5	U	
CFRIEX002(2.0)	06/09/98	Benzo(k)fluoranthene	0.038	0.5	U	
CFRIEX002(2.0)	06/09/98	Chrysene	0.038	5	U	
CFRIEX002(2.0)	06/09/98	Indeno(1,2,3-cd)pyrene	0.038	0.5	U	
CFRIEX002(2.0)	06/09/98	Lead	27	477		
CFRIEX002(2.0)DUP ^e	06/10/98	Benzo(a)anthracene	0.0035	0.5	U	CFRIDUP061098B ^f
CFRIEX002(2.0)DUP	06/10/98	Benzo(a)pyrene	0.0035	0.2	U	
CFRIEX002(2.0)DUP	06/10/98	Benzo(b)fluoranthene	0.0071	0.5	U	
CFRIEX002(2.0)DUP	06/10/98	Benzo(k)fluoranthene	0.0035	0.5	U	
CFRIEX002(2.0)DUP	06/10/98	Chrysene	0.0035	5	U	
CFRIEX002(2.0)DUP	06/10/98	Indeno(1,2,3-cd)pyrene	0.0035	0.5	U	
CFRIEX002(2.0)DUP	06/10/98	Lead	2	477		
CFRIEX004(0.5)	06/09/98	Benzo(a)anthracene	0.035	0.5	U	
CFRIEX004(0.5)	06/09/98	Benzo(a)pyrene	0.035	0.2	U	
CFRIEX004(0.5)	06/09/98	Benzo(b)fluoranthene	0.071	0.5	U	
CFRIEX004(0.5)	06/09/98	Benzo(k)fluoranthene	0.035	0.5	U	
CFRIEX004(0.5)	06/09/98	Chrysene	0.035	5	U	
CFRIEX004(0.5)	06/09/98	Indeno(1,2,3-cd)pyrene	0.035	0.5	U	
CFRIEX004(0.5)	06/09/98	Lead	54	477		
CFRIEX006(3.0)	06/09/98	Benzo(a)anthracene	0.0039	0.5	U	
CFRIEX006(3.0)	06/09/98	Benzo(a)pyrene	0.0039	0.2	U	
CFRIEX006(3.0)	06/09/98	Benzo(b)fluoranthene	0.008	0.5	U	
CFRIEX006(3.0)	06/09/98	Benzo(k)fluoranthene	0.0039	0.5	U	
CFRIEX006(3.0)	06/09/98	Chrysene	0.0039	5	U	
CFRIEX006(3.0)	06/09/98	Indeno(1,2,3-cd)pyrene	0.0039	0.5	U	
CFRIEX006(3.0)	06/09/98	Lead	3.3	477		
CFRIEX008(0.5)	06/09/98	Benzo(a)anthracene	0.038	0.5	U	
CFRIEX008(0.5)	06/09/98	Benzo(a)pyrene	0.038	0.2	U	
CFRIEX008(0.5)	06/09/98	Benzo(b)fluoranthene	0.077	0.5	U	
CFRIEX008(0.5)	06/09/98	Benzo(k)fluoranthene	0.038	0.5	U	
CFRIEX008(0.5)	06/09/98	Chrysene	0.038	5	U	
CFRIEX008(0.5)	06/09/98	Indeno(1,2,3-cd)pyrene	0.038	0.5	U	
CFRIEX008(0.5)	06/09/98	Lead	12	477		
CFRIEX010(2.0)	06/09/98	Benzo(a)anthracene	0.0035	0.5	U	
CFRIEX010(2.0)	06/09/98	Benzo(a)pyrene	0.0035	0.2	U	
CFRIEX010(2.0)	06/09/98	Benzo(b)fluoranthene	0.0071	0.5	U	
CFRIEX010(2.0)	06/09/98	Benzo(k)fluoranthene	0.0035	0.5	U	
CFRIEX010(2.0)	06/09/98	Chrysene	0.0035	5	U	

Footnotes at end of table.
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Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 2 of 26)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX010(2.0)	06/09/98	Indeno(1,2,3-cd)pyrene	0.0035	0.5	U	
CFRIEX010(2.0)	06/09/98	Lead	3.2	477		
Excavation 2/3						
CFRIEX011(1.5)	06/30/98	Benzo(a)anthracene	0.056	0.5		
CFRIEX011(1.5)	06/30/98	Benzo(a)pyrene	0.12	0.2		
CFRIEX011(1.5)	06/30/98	Benzo(b)fluoranthene	0.11	0.5		
CFRIEX011(1.5)	06/30/98	Benzo(k)fluoranthene	0.057	0.5		
CFRIEX011(1.5)	06/30/98	Chrysene	0.058	5		
CFRIEX011(1.5)	06/30/98	Indeno(1,2,3-cd)pyrene	0.16	0.5		
CFRIEX011(1.5)	06/30/98	Lead	27	477	J	
CFRIEX012(1.5)	06/30/98	Benzo(a)anthracene	0.0067	0.5		
CFRIEX012(1.5)	06/30/98	Benzo(a)pyrene	0.015	0.2		
CFRIEX012(1.5)	06/30/98	Benzo(b)fluoranthene	0.012	0.5		
CFRIEX012(1.5)	06/30/98	Benzo(k)fluoranthene	0.0065	0.5		
CFRIEX012(1.5)	06/30/98	Chrysene	0.0092	5		
CFRIEX012(1.5)	06/30/98	Indeno(1,2,3-cd)pyrene	0.018	0.5	J	
CFRIEX012(1.5)	06/30/98	Lead	21	477	J	
CFRIEX018(2.0)	06/30/98	Benzo(a)anthracene	0.0038	0.5	U	
CFRIEX018(2.0)	06/30/98	Benzo(a)pyrene	0.0038	0.2	U	
CFRIEX018(2.0)	06/30/98	Benzo(b)fluoranthene	0.0077	0.5	U	
CFRIEX018(2.0)	06/30/98	Benzo(k)fluoranthene	0.0038	0.5	U	
CFRIEX018(2.0)	06/30/98	Chrysene	0.0038	5	U	
CFRIEX018(2.0)	06/30/98	Indeno(1,2,3-cd)pyrene	0.0038	0.5	U	
CFRIEX018(2.0)	06/30/98	Lead	2.4	477	J	
CFRIEX019(2.0)	06/30/98	Benzo(a)anthracene	0.004	0.5		
CFRIEX019(2.0)	06/30/98	Benzo(a)pyrene	0.0081	0.2		
CFRIEX019(2.0)	06/30/98	Benzo(b)fluoranthene	0.0078	0.5	U	
CFRIEX019(2.0)	06/30/98	Benzo(k)fluoranthene	0.0039	0.5		
CFRIEX019(2.0)	06/30/98	Chrysene	0.0048	5		
CFRIEX019(2.0)	06/30/98	Indeno(1,2,3-cd)pyrene	0.007	0.5		
CFRIEX019(2.0)	06/30/98	Lead	6.7	477	J	
CFRIEX021(3.0)	06/30/98	Benzo(a)anthracene	0.0036	0.5		
CFRIEX021(3.0)	06/30/98	Benzo(a)pyrene	0.0046	0.2		
CFRIEX021(3.0)	06/30/98	Benzo(b)fluoranthene	0.0069	0.5	U	
CFRIEX021(3.0)	06/30/98	Benzo(k)fluoranthene	0.0034	0.5	U	
CFRIEX021(3.0)	06/30/98	Chrysene	0.0045	5		
CFRIEX021(3.0)	06/30/98	Indeno(1,2,3-cd)pyrene	0.0037	0.5		
CFRIEX021(3.0)	06/30/98	Lead	3.7	477	J	
CFRIEX023(4.0)	07/14/98	Benzo(a)anthracene	0.0041	0.5	U	
CFRIEX023(4.0)	07/14/98	Benzo(a)pyrene	0.0041	0.2	U	
CFRIEX023(4.0)	07/14/98	Benzo(b)fluoranthene	0.0083	0.5	U	

Footnotes at end of table.
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Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 3 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX023(4.0)	07/14/98	Benzo(k)fluoranthene	0.0041	0.5	U	
CFRIEX023(4.0)	07/14/98	Chrysene	0.0041	5	U	
CFRIEX023(4.0)	07/14/98	Indeno(1,2,3-cd)pyrene	0.0041	0.5	U	
CFRIEX023(4.0)	07/14/98	Lead	2.4	477		
CFRIEX024(1.5)10	07/15/98	Benzo(a)anthracene	0.0034	0.5	U	
CFRIEX024(1.5)10	07/15/98	Benzo(a)pyrene	0.0034	0.2	U	
CFRIEX024(1.5)10	07/15/98	Benzo(b)fluoranthene	0.0069	0.5	U	
CFRIEX024(1.5)10	07/15/98	Benzo(k)fluoranthene	0.0034	0.5	U	
CFRIEX024(1.5)10	07/15/98	Chrysene	0.0034	5	U	
CFRIEX024(1.5)10	07/15/98	Indeno(1,2,3-cd)pyrene	0.0034	0.5	U	
CFRIEX024(1.5)10	07/15/98	Lead	0.15	477	U	
CFRIEX025(1.0)10	07/15/98	Benzo(a)anthracene	0.0034	0.5	U	
CFRIEX025(1.0)10	07/15/98	Benzo(a)pyrene	0.0034	0.2	U	
CFRIEX025(1.0)10	07/15/98	Benzo(b)fluoranthene	0.007	0.5	U	
CFRIEX025(1.0)10	07/15/98	Benzo(k)fluoranthene	0.0034	0.5	U	
CFRIEX025(1.0)10	07/15/98	Chrysene	0.0034	5	U	
CFRIEX025(1.0)10	07/15/98	Indeno(1,2,3-cd)pyrene	0.0034	0.5	U	
CFRIEX025(1.0)10	07/15/98	Lead	3.9	477		
CFRIEX026(1.0)	07/14/98	Benzo(a)anthracene	0.0046	0.5		
CFRIEX026(1.0)	07/14/98	Benzo(a)pyrene	0.0039	0.2		
CFRIEX026(1.0)	07/14/98	Benzo(b)fluoranthene	0.0077	0.5	U	
CFRIEX026(1.0)	07/14/98	Benzo(k)fluoranthene	0.0038	0.5	U	
CFRIEX026(1.0)	07/14/98	Chrysene	0.0061	5		
CFRIEX026(1.0)	07/14/98	Indeno(1,2,3-cd)pyrene	0.0054	0.5		
CFRIEX026(1.0)	07/14/98	Lead	5.6	477		
CFRIEX027(1.0)10	07/14/98	Benzo(a)anthracene	0.0036	0.5	U	
CFRIEX027(1.0)10	07/14/98	Benzo(a)pyrene	0.0047	0.2		
CFRIEX027(1.0)10	07/14/98	Benzo(b)fluoranthene	0.0074	0.5	U	
CFRIEX027(1.0)10	07/14/98	Benzo(k)fluoranthene	0.0036	0.5	U	
CFRIEX027(1.0)10	07/14/98	Chrysene	0.0055	5		
CFRIEX027(1.0)10	07/14/98	Indeno(1,2,3-cd)pyrene	0.0059	0.5		
CFRIEX027(1.0)10	07/14/98	Lead	16	477		
CFRIEX028(1.0)	07/14/98	Benzo(a)anthracene	0.004	0.5		
CFRIEX028(1.0)	07/14/98	Benzo(a)pyrene	0.0072	0.2		
CFRIEX028(1.0)	07/14/98	Benzo(b)fluoranthene	0.0077	0.5	U	
CFRIEX028(1.0)	07/14/98	Benzo(k)fluoranthene	0.0043	0.5		
CFRIEX028(1.0)	07/14/98	Chrysene	0.0052	5		
CFRIEX028(1.0)	07/14/98	Indeno(1,2,3-cd)pyrene	0.011	0.5		
CFRIEX028(1.0)	07/14/98	Lead	4.2	477		
CFRIEX030(0.5)20	07/29/98	Benzo(a)anthracene	0.0034	0.5	UJ	
CFRIEX030(0.5)20	07/29/98	Benzo(a)pyrene	0.0034	0.2	UJ	

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Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 4 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX030(0.5)20	07/29/98	Benzo(b)fluoranthene	0.0068	0.5	UJ	
CFRIEX030(0.5)20	07/29/98	Benzo(k)fluoranthene	0.0034	0.5	UJ	
CFRIEX030(0.5)20	07/29/98	Chrysene	0.0034	5	UJ	
CFRIEX030(0.5)20	07/29/98	Indeno(1,2,3-cd)pyrene	0.0034	0.5	UJ	
CFRIEX030(0.5)20	07/29/98	Lead	2.3	477		
CFRIEX031(1.0)	08/03/98	Benzo(a)anthracene	0.052	0.5	J	
CFRIEX031(1.0)	08/03/98	Benzo(a)pyrene	0.13	0.2	J	
CFRIEX031(1.0)	08/03/98	Benzo(b)fluoranthene	0.094	0.5	J	
CFRIEX031(1.0)	08/03/98	Benzo(k)fluoranthene	0.053	0.5	J	
CFRIEX031(1.0)	08/03/98	Chrysene	0.04	5	J	
CFRIEX031(1.0)	08/03/98	Indeno(1,2,3-cd)pyrene	0.11	0.5	J	
CFRIEX031(1.0)	08/03/98	Lead	14	477		
CFRIEX032(0.5)10	07/15/98	Benzo(a)anthracene	0.063	0.5		
CFRIEX032(0.5)10	07/15/98	Benzo(a)pyrene	0.12	0.2		
CFRIEX032(0.5)10	07/15/98	Benzo(b)fluoranthene	0.12	0.5		
CFRIEX032(0.5)10	07/15/98	Benzo(k)fluoranthene	0.062	0.5		
CFRIEX032(0.5)10	07/15/98	Chrysene	0.046	5		
CFRIEX032(0.5)10	07/15/98	Indeno(1,2,3-cd)pyrene	0.11	0.5		
CFRIEX032(0.5)10	07/15/98	Lead	30	477		
CFRIEX033(1.0)	08/03/98	Benzo(a)anthracene	0.014	0.5	J	
CFRIEX033(1.0)	08/03/98	Benzo(a)pyrene	0.016	0.2	J	
CFRIEX033(1.0)	08/03/98	Benzo(b)fluoranthene	0.017	0.5	J	
CFRIEX033(1.0)	08/03/98	Benzo(k)fluoranthene	0.0093	0.5	J	
CFRIEX033(1.0)	08/03/98	Chrysene	0.014	5	J	
CFRIEX033(1.0)	08/03/98	Indeno(1,2,3-cd)pyrene	0.011	0.5	J	
CFRIEX033(1.0)	08/03/98	Lead	9.8	477		
CFRIEX034(0.5)	07/14/98	Benzo(a)anthracene	0.1	0.5		
CFRIEX034(0.5)	07/14/98	Benzo(a)pyrene	0.18	0.2		
CFRIEX034(0.5)	07/14/98	Benzo(b)fluoranthene	0.17	0.5		
CFRIEX034(0.5)	07/14/98	Benzo(k)fluoranthene	0.097	0.5		
CFRIEX034(0.5)	07/14/98	Chrysene	0.16	5		
CFRIEX034(0.5)	07/14/98	Indeno(1,2,3-cd)pyrene	0.19	0.5		
CFRIEX034(0.5)	07/14/98	Lead	41	477		
CFRIEX035(0.5)20	07/15/98	Benzo(a)anthracene	0.018	0.5	U	
CFRIEX035(0.5)20	07/15/98	Benzo(a)pyrene	0.018	0.2	U	
CFRIEX035(0.5)20	07/15/98	Benzo(b)fluoranthene	0.036	0.5	U	
CFRIEX035(0.5)20	07/15/98	Benzo(k)fluoranthene	0.018	0.5	U	
CFRIEX035(0.5)20	07/15/98	Chrysene	0.018	5	U	
CFRIEX035(0.5)20	07/15/98	Indeno(1,2,3-cd)pyrene	0.018	0.5	U	
CFRIEX035(0.5)20	07/15/98	Lead	17	477		
CFRIEX036(0.5)10	07/15/98	Benzo(a)anthracene	0.019	0.5	U	

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Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 5 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX036(0.5)10	07/15/98	Benzo(a)pyrene	0.019	0.2	U	
CFRIEX036(0.5)10	07/15/98	Benzo(b)fluoranthene	0.038	0.5	U	
CFRIEX036(0.5)10	07/15/98	Benzo(k)fluoranthene	0.019	0.5	U	
CFRIEX036(0.5)10	07/15/98	Chrysene	0.019	5	U	
CFRIEX036(0.5)10	07/15/98	Indeno(1,2,3-cd)pyrene	0.019	0.5	U	
CFRIEX036(0.5)10	07/15/98	Lead	21	477		
CFRIEX037(2.0)	09/08/98	Benzo(a)anthracene	0.061	0.5	J	
CFRIEX037(2.0)	09/08/98	Benzo(a)pyrene	0.16	0.2	J	
CFRIEX037(2.0)	09/08/98	Benzo(b)fluoranthene	0.11	0.5	J	
CFRIEX037(2.0)	09/08/98	Benzo(k)fluoranthene	0.056	0.5	J	
CFRIEX037(2.0)	09/08/98	Chrysene	0.046	5	J	
CFRIEX037(2.0)	09/08/98	Indeno(1,2,3-cd)pyrene	0.15	0.5	J	
CFRIEX037(2.0)	09/08/98	Lead	6.4	477	J-	
CFRIEX038(0.5)20	07/31/98	Benzo(a)anthracene	0.0034	0.5	U	
CFRIEX038(0.5)20	07/31/98	Benzo(a)pyrene	0.0034	0.2	U	
CFRIEX038(0.5)20	07/31/98	Benzo(b)fluoranthene	0.0069	0.5	U	
CFRIEX038(0.5)20	07/31/98	Benzo(k)fluoranthene	0.0034	0.5	U	
CFRIEX038(0.5)20	07/31/98	Chrysene	0.0034	5	U	
CFRIEX038(0.5)20	07/31/98	Indeno(1,2,3-cd)pyrene	0.0034	0.5	U	
CFRIEX038(0.5)20	07/31/98	Lead	0.91	477		
CFRIEX039(0.5)40	07/20/98	Benzo(a)anthracene	0.034	0.5	U	
CFRIEX039(0.5)40	07/20/98	Benzo(a)pyrene	0.034	0.2	U	
CFRIEX039(0.5)40	07/20/98	Benzo(b)fluoranthene	0.07	0.5	U	
CFRIEX039(0.5)40	07/20/98	Benzo(k)fluoranthene	0.034	0.5	U	
CFRIEX039(0.5)40	07/20/98	Chrysene	0.034	5	U	
CFRIEX039(0.5)40	07/20/98	Indeno(1,2,3-cd)pyrene	0.034	0.5	U	
CFRIEX039(0.5)40	07/20/98	Lead	42	477		
CFRIEX040(1.5)	08/11/98	Benzo(a)anthracene	0.0036	0.5	U	
CFRIEX040(1.5)	08/11/98	Benzo(a)pyrene	0.0036	0.2	U	
CFRIEX040(1.5)	08/11/98	Benzo(b)fluoranthene	0.0073	0.5	U	
CFRIEX040(1.5)	08/11/98	Benzo(k)fluoranthene	0.0036	0.5	U	
CFRIEX040(1.5)	08/11/98	Chrysene	0.0036	5	U	
CFRIEX040(1.5)	08/11/98	Indeno(1,2,3-cd)pyrene	0.0036	0.5	U	
CFRIEX040(1.5)	08/11/98	Lead	0.16	477	U	
CFRIEX040(1.5)DUP	08/11/98	Benzo(a)anthracene	0.0035	0.5	U	CFRIDUP081198A
CFRIEX040(1.5)DUP	08/11/98	Benzo(a)pyrene	0.0035	0.2	U	
CFRIEX040(1.5)DUP	08/11/98	Benzo(b)fluoranthene	0.0072	0.5	U	
CFRIEX040(1.5)DUP	08/11/98	Benzo(k)fluoranthene	0.0035	0.5	U	
CFRIEX040(1.5)DUP	08/11/98	Chrysene	0.0035	5	U	
CFRIEX040(1.5)DUP	08/11/98	Indeno(1,2,3-cd)pyrene	0.0035	0.5	U	
CFRIEX040(1.5)DUP	08/11/98	Lead	0.16	477	U	

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Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 6 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX041(0.5)20	07/16/98	Benzo(a)anthracene	0.06	0.5		
CFRIEX041(0.5)20	07/16/98	Benzo(a)pyrene	0.16	0.2		
CFRIEX041(0.5)20	07/16/98	Benzo(b)fluoranthene	0.11	0.5		
CFRIEX041(0.5)20	07/16/98	Benzo(k)fluoranthene	0.063	0.5		
CFRIEX041(0.5)20	07/16/98	Chrysene	0.12	5		
CFRIEX041(0.5)20	07/16/98	Indeno(1,2,3-cd)pyrene	0.035	0.5	U	
CFRIEX041(0.5)20	07/16/98	Lead	52	477		
CFRIEX041(0.5)20DUP	07/16/98	Benzo(a)anthracene	0.036	0.5	U	CFRIDUP071698A
CFRIEX041(0.5)20DUP	07/16/98	Benzo(a)pyrene	0.036	0.2	U	
CFRIEX041(0.5)20DUP	07/16/98	Benzo(b)fluoranthene	0.074	0.5	U	
CFRIEX041(0.5)20DUP	07/16/98	Benzo(k)fluoranthene	0.036	0.5	U	
CFRIEX041(0.5)20DUP	07/16/98	Chrysene	0.17	5		
CFRIEX041(0.5)20DUP	07/16/98	Indeno(1,2,3-cd)pyrene	0.036	0.5	U	
CFRIEX041(0.5)20DUP	07/16/98	Lead	38	477		
CFRIEX042(1.5)	08/18/98	Benzo(a)anthracene	0.0034	0.5	U	
CFRIEX042(1.5)	08/18/98	Benzo(a)pyrene	0.0034	0.2	U	
CFRIEX042(1.5)	08/18/98	Benzo(b)fluoranthene	0.0068	0.5	U	
CFRIEX042(1.5)	08/18/98	Benzo(k)fluoranthene	0.0034	0.5	U	
CFRIEX042(1.5)	08/18/98	Chrysene	0.0034	5	U	
CFRIEX042(1.5)	08/18/98	Indeno(1,2,3-cd)pyrene	0.0034	0.5	U	
CFRIEX042(1.5)	08/18/98	Lead	2.4	477		
CFRIEX043(0.5)90B ^g	09/23/98	Benzo(a)anthracene	0.41	0.5	U	
CFRIEX043(0.5)90B	09/23/98	Benzo(a)pyrene	0.14	0.2		
CFRIEX043(0.5)90B	09/23/98	Benzo(b)fluoranthene	0.096	0.5		
CFRIEX043(0.5)90B	09/23/98	Benzo(k)fluoranthene	0.039	0.5	J	
CFRIEX043(0.5)90B	09/23/98	Chrysene	0.2	5	U	
CFRIEX043(0.5)90B	09/23/98	Indeno(1,2,3-cd)pyrene	0.11	0.5		
CFRIEX043(0.5)90B	09/23/98	Lead	35	477		
CFRIEX068(2.0)	08/03/98	Benzo(a)anthracene	0.0075	0.5	J	
CFRIEX068(2.0)	08/03/98	Benzo(a)pyrene	0.014	0.2	J	
CFRIEX068(2.0)	08/03/98	Benzo(b)fluoranthene	0.013	0.5	J	
CFRIEX068(2.0)	08/03/98	Benzo(k)fluoranthene	0.0073	0.5	J	
CFRIEX068(2.0)	08/03/98	Chrysene	0.0061	5	J	
CFRIEX068(2.0)	08/03/98	Indeno(1,2,3-cd)pyrene	0.021	0.5	J	
CFRIEX068(2.0)	08/03/98	Lead	5.3	477		
CFRIEX069(3.0)	08/18/98	Benzo(a)anthracene	0.024	0.5	J	
CFRIEX069(3.0)	08/18/98	Benzo(a)pyrene	0.046	0.2	J	
CFRIEX069(3.0)	08/18/98	Benzo(b)fluoranthene	0.044	0.5	J	
CFRIEX069(3.0)	08/18/98	Benzo(k)fluoranthene	0.023	0.5	J	
CFRIEX069(3.0)	08/18/98	Chrysene	0.035	5	J	
CFRIEX069(3.0)	08/18/98	Indeno(1,2,3-cd)pyrene	0.045	0.5	J	

Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 7 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX069(3.0)	08/18/98	Lead	2.5	477		
CFRIEX070(5.0)	08/18/98	Benzo(a)anthracene	0.0082	0.5	J	
CFRIEX070(5.0)	08/18/98	Benzo(a)pyrene	0.0067	0.2	J	
CFRIEX070(5.0)	08/18/98	Benzo(b)fluoranthene	0.0075	0.5	U	
CFRIEX070(5.0)	08/18/98	Benzo(k)fluoranthene	0.0037	0.5	U	
CFRIEX070(5.0)	08/18/98	Chrysene	0.008	5	J	
CFRIEX070(5.0)	08/18/98	Indeno(1,2,3-cd)pyrene	0.0079	0.5	J	
CFRIEX070(5.0)	08/18/98	Lead	2.3	477		
CFRIEX071(2.0)	08/03/98	Benzo(a)anthracene	0.0036	0.5	UJ	
CFRIEX071(2.0)	08/03/98	Benzo(a)pyrene	0.0036	0.2	UJ	
CFRIEX071(2.0)	08/03/98	Benzo(b)fluoranthene	0.0073	0.5	UJ	
CFRIEX071(2.0)	08/03/98	Benzo(k)fluoranthene	0.0036	0.5	UJ	
CFRIEX071(2.0)	08/03/98	Chrysene	0.0036	5	UJ	
CFRIEX071(2.0)	08/03/98	Indeno(1,2,3-cd)pyrene	0.0036	0.5	UJ	
CFRIEX071(2.0)	08/03/98	Lead	0.16	477	U	
CFRIEX072(2.5)	08/31/98	Benzo(a)anthracene	0.0065	0.5	J	
CFRIEX072(2.5)	08/31/98	Benzo(a)pyrene	0.012	0.2	J	
CFRIEX072(2.5)	08/31/98	Benzo(b)fluoranthene	0.0092	0.5	J	
CFRIEX072(2.5)	08/31/98	Benzo(k)fluoranthene	0.0052	0.5	J	
CFRIEX072(2.5)	08/31/98	Chrysene	0.0083	5	J	
CFRIEX072(2.5)	08/31/98	Indeno(1,2,3-cd)pyrene	0.0093	0.5	J	
CFRIEX072(2.5)	08/31/98	Lead	0.45	477	J-	
CFRIEX074(0.5)10	08/25/98	Benzo(a)anthracene	0.011	0.5	J	
CFRIEX074(0.5)10	08/25/98	Benzo(a)pyrene	0.036	0.2	J	
CFRIEX074(0.5)10	08/25/98	Benzo(b)fluoranthene	0.025	0.5	J	
CFRIEX074(0.5)10	08/25/98	Benzo(k)fluoranthene	0.013	0.5	J	
CFRIEX074(0.5)10	08/25/98	Chrysene	0.019	5	J	
CFRIEX074(0.5)10	08/25/98	Indeno(1,2,3-cd)pyrene	0.028	0.5	J	
CFRIEX074(0.5)10	08/25/98	Lead	6.9	477		
CFRIEX076(3.0)	09/08/98	Benzo(a)anthracene	0.071	0.5	J+	
CFRIEX076(3.0)	09/08/98	Benzo(a)pyrene	0.19	0.2	J+	
CFRIEX076(3.0)	09/08/98	Benzo(b)fluoranthene	0.12	0.5	J+	
CFRIEX076(3.0)	09/08/98	Benzo(k)fluoranthene	0.065	0.5	J+	
CFRIEX076(3.0)	09/08/98	Chrysene	0.077	5	J+	
CFRIEX076(3.0)	09/08/98	Indeno(1,2,3-cd)pyrene	0.17	0.5	J+	
CFRIEX076(3.0)	09/08/98	Lead	4	477	J-	
CFRIEX076(3.0)DUP	08/09/98	Benzo(a)anthracene	0.016	0.5	J	CFRIDUP080998A
CFRIEX076(3.0)DUP	08/09/98	Benzo(a)pyrene	0.045	0.2	J	
CFRIEX076(3.0)DUP	08/09/98	Benzo(b)fluoranthene	0.027	0.5	J	
CFRIEX076(3.0)DUP	08/09/98	Benzo(k)fluoranthene	0.014	0.5	J	
CFRIEX076(3.0)DUP	08/09/98	Chrysene	0.017	5	J	

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Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 8 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX076(3.0)DUP	08/09/98	Indeno(1,2,3-cd)pyrene	0.028	0.5	J	
CFRIEX076(3.0)DUP	08/09/98	Lead	1.4	477	J-	
CFRIEX077(2.0)	08/25/98	Benzo(a)anthracene	0.0038	0.5	U	
CFRIEX077(2.0)	08/25/98	Benzo(a)pyrene	0.0038	0.2	U	
CFRIEX077(2.0)	08/25/98	Benzo(b)fluoranthene	0.0078	0.5	U	
CFRIEX077(2.0)	08/25/98	Benzo(k)fluoranthene	0.0038	0.5	U	
CFRIEX077(2.0)	08/25/98	Chrysene	0.0038	5	U	
CFRIEX077(2.0)	08/25/98	Indeno(1,2,3-cd)pyrene	0.0038	0.5	U	
CFRIEX077(2.0)	08/25/98	Lead	5.7	477		
CFRIEX078(2.0)	08/25/98	Benzo(a)anthracene	0.034	0.5	U	
CFRIEX078(2.0)	08/25/98	Benzo(a)pyrene	0.05	0.2	J	
CFRIEX078(2.0)	08/25/98	Benzo(b)fluoranthene	0.068	0.5	U	
CFRIEX078(2.0)	08/25/98	Benzo(k)fluoranthene	0.034	0.5	U	
CFRIEX078(2.0)	08/25/98	Chrysene	0.034	5	U	
CFRIEX078(2.0)	08/25/98	Indeno(1,2,3-cd)pyrene	0.034	0.5	U	
CFRIEX078(2.0)	08/25/98	Lead	3.4	477		
CFRIEX079(3.0)	08/03/98	Benzo(a)anthracene	0.035	0.5	U	
CFRIEX079(3.0)	08/03/98	Benzo(a)pyrene	0.049	0.2	J	
CFRIEX079(3.0)	08/03/98	Benzo(b)fluoranthene	0.071	0.5	U	
CFRIEX079(3.0)	08/03/98	Benzo(k)fluoranthene	0.035	0.5	U	
CFRIEX079(3.0)	08/03/98	Chrysene	0.049	5	J	
CFRIEX079(3.0)	08/03/98	Indeno(1,2,3-cd)pyrene	0.035	0.5	U	
CFRIEX079(3.0)	08/03/98	Lead	19	477		
CFRIEX097(3.5)	09/10/98	Benzo(a)anthracene	0.084	0.5	U	
CFRIEX097(3.5)	09/10/98	Benzo(a)pyrene	0.021	0.2	U	
CFRIEX097(3.5)	09/10/98	Benzo(b)fluoranthene	0.0084	0.5	U	
CFRIEX097(3.5)	09/10/98	Benzo(k)fluoranthene	0.0084	0.5	U	
CFRIEX097(3.5)	09/10/98	Chrysene	0.042	5	U	
CFRIEX097(3.5)	09/10/98	Indeno(1,2,3-cd)pyrene	0.021	0.5	U	
CFRIEX097(3.5)	09/10/98	Lead	10	477	UJ	
CFRIEX098(3.5)20	09/11/98	Benzo(a)anthracene	0.099	0.5	U	
CFRIEX098(3.5)20	09/11/98	Benzo(a)pyrene	0.025	0.2	U	
CFRIEX098(3.5)20	09/11/98	Benzo(b)fluoranthene	0.0099	0.5	U	
CFRIEX098(3.5)20	09/11/98	Benzo(k)fluoranthene	0.0099	0.5	U	
CFRIEX098(3.5)20	09/11/98	Chrysene	0.049	5	U	
CFRIEX098(3.5)20	09/11/98	Indeno(1,2,3-cd)pyrene	0.025	0.5	U	
CFRIEX098(3.5)20	09/11/98	Lead	12	477	UJ	
CFRIEX099(3.5)	09/10/98	Benzo(a)anthracene	0.083	0.5	U	
CFRIEX099(3.5)	09/10/98	Benzo(a)pyrene	0.021	0.2	U	
CFRIEX099(3.5)	09/10/98	Benzo(b)fluoranthene	0.0083	0.5	U	
CFRIEX099(3.5)	09/10/98	Benzo(k)fluoranthene	0.0083	0.5	U	

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Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 9 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX099(3.5)	09/10/98	Chrysene	0.041	5	U	
CFRIEX099(3.5)	09/10/98	Indeno(1,2,3-cd)pyrene	0.021	0.5	U	
CFRIEX099(3.5)	09/10/98	Lead	10	477	UJ	
CFRIEX100(4.0)20	09/11/98	Benzo(a)anthracene	0.093	0.5	U	
CFRIEX100(4.0)20	09/11/98	Benzo(a)pyrene	0.023	0.2	U	
CFRIEX100(4.0)20	09/11/98	Benzo(b)fluoranthene	0.0093	0.5	U	
CFRIEX100(4.0)20	09/11/98	Benzo(k)fluoranthene	0.0093	0.5	U	
CFRIEX100(4.0)20	09/11/98	Chrysene	0.046	5	U	
CFRIEX100(4.0)20	09/11/98	Indeno(1,2,3-cd)pyrene	0.023	0.5	U	
CFRIEX100(4.0)20	09/11/98	Lead	12	477	UJ	
CFRIEX101(0.5)	09/11/98	Benzo(a)anthracene	0.085	0.5	U	
CFRIEX101(0.5)	09/11/98	Benzo(a)pyrene	0.024	0.2		
CFRIEX101(0.5)	09/11/98	Benzo(b)fluoranthene	0.0085	0.5	U	
CFRIEX101(0.5)	09/11/98	Benzo(k)fluoranthene	0.0085	0.5	U	
CFRIEX101(0.5)	09/11/98	Chrysene	0.043	5	U	
CFRIEX101(0.5)	09/11/98	Indeno(1,2,3-cd)pyrene	0.016	0.5	J	
CFRIEX101(0.5)	09/11/98	Lead	17	477	J+	
CFRIEX102(2.5)	09/11/98	Benzo(a)anthracene	0.41	0.5	U	
CFRIEX102(2.5)	09/11/98	Benzo(a)pyrene	0.19	0.2		
CFRIEX102(2.5)	09/11/98	Benzo(b)fluoranthene	0.17	0.5		
CFRIEX102(2.5)	09/11/98	Benzo(k)fluoranthene	0.066	0.5		
CFRIEX102(2.5)	09/11/98	Chrysene	0.11	5	J	
CFRIEX102(2.5)	09/11/98	Indeno(1,2,3-cd)pyrene	0.065	0.5	J	
CFRIEX102(2.5)	09/11/98	Lead	140	477	J+	
CFRIEX103(2.5)	09/11/98	Benzo(a)anthracene	0.082	0.5	U	
CFRIEX103(2.5)	09/11/98	Benzo(a)pyrene	0.021	0.2	U	
CFRIEX103(2.5)	09/11/98	Benzo(b)fluoranthene	0.0082	0.5	U	
CFRIEX103(2.5)	09/11/98	Benzo(k)fluoranthene	0.0082	0.5	U	
CFRIEX103(2.5)	09/11/98	Chrysene	0.041	5	U	
CFRIEX103(2.5)	09/11/98	Indeno(1,2,3-cd)pyrene	0.021	0.5	U	
CFRIEX103(2.5)	09/11/98	Lead	10	477	UJ	
CFRIEX104(1.5)	09/11/98	Benzo(a)anthracene	0.081	0.5	U	
CFRIEX104(1.5)	09/11/98	Benzo(a)pyrene	0.012	0.2	J	
CFRIEX104(1.5)	09/11/98	Benzo(b)fluoranthene	0.01	0.5		
CFRIEX104(1.5)	09/11/98	Benzo(k)fluoranthene	0.0041	0.5	J	
CFRIEX104(1.5)	09/11/98	Chrysene	0.04	5	U	
CFRIEX104(1.5)	09/11/98	Indeno(1,2,3-cd)pyrene	0.011	0.5	J	
CFRIEX104(1.5)	09/11/98	Lead	10	477	UJ	
CFRIEX105(2.0)	09/11/98	Benzo(a)anthracene	0.082	0.5	U	
CFRIEX105(2.0)	09/11/98	Benzo(a)pyrene	0.02	0.2	U	
CFRIEX105(2.0)	09/11/98	Benzo(b)fluoranthene	0.0082	0.5	U	

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Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 10 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX105(2.0)	09/11/98	Benzo(k)fluoranthene	0.0082	0.5	U	
CFRIEX105(2.0)	09/11/98	Chrysene	0.041	5	U	
CFRIEX105(2.0)	09/11/98	Indeno(1,2,3-cd)pyrene	0.02	0.5	U	
CFRIEX105(2.0)	09/11/98	Lead	9.5	477	J+	
CFRIEX106(2.5)	09/11/98	Benzo(a)anthracene	0.42	0.5	U	
CFRIEX106(2.5)	09/11/98	Benzo(a)pyrene	0.1	0.2	U	
CFRIEX106(2.5)	09/11/98	Benzo(b)fluoranthene	0.13	0.5		
CFRIEX106(2.5)	09/11/98	Benzo(k)fluoranthene	0.042	0.5	U	
CFRIEX106(2.5)	09/11/98	Chrysene	0.12	5	J	
CFRIEX106(2.5)	09/11/98	Indeno(1,2,3-cd)pyrene	0.1	0.5	U	
CFRIEX106(2.5)	09/11/98	Lead	27	477	J+	
CFRIEX108(2.5)	09/14/98	Benzo(a)anthracene	0.08	0.5	U	
CFRIEX108(2.5)	09/14/98	Benzo(a)pyrene	0.028	0.2	J+	
CFRIEX108(2.5)	09/14/98	Benzo(b)fluoranthene	0.065	0.5	J+	
CFRIEX108(2.5)	09/14/98	Benzo(k)fluoranthene	0.0094	0.5	J+	
CFRIEX108(2.5)	09/14/98	Chrysene	0.03	5	J+	
CFRIEX108(2.5)	09/14/98	Indeno(1,2,3-cd)pyrene	0.18	0.5	J+	
CFRIEX108(2.5)	09/14/98	Lead	18	477	J+	
CFRIEX109(2.5)	09/14/98	Benzo(a)anthracene	0.083	0.5	U	
CFRIEX109(2.5)	09/14/98	Benzo(a)pyrene	0.021	0.2	U	
CFRIEX109(2.5)	09/14/98	Benzo(b)fluoranthene	0.0083	0.5	U	
CFRIEX109(2.5)	09/14/98	Benzo(k)fluoranthene	0.0083	0.5	U	
CFRIEX109(2.5)	09/14/98	Chrysene	0.041	5	U	
CFRIEX109(2.5)	09/14/98	Indeno(1,2,3-cd)pyrene	0.021	0.5	U	
CFRIEX109(2.5)	09/14/98	Lead	5.1	477	J+	
CFRIEX116(4.0)	09/14/98	Benzo(a)anthracene	0.087	0.5	U	
CFRIEX116(4.0)	09/14/98	Benzo(a)pyrene	0.068	0.2		
CFRIEX116(4.0)	09/14/98	Benzo(b)fluoranthene	0.049	0.5		
CFRIEX116(4.0)	09/14/98	Benzo(k)fluoranthene	0.02	0.5		
CFRIEX116(4.0)	09/14/98	Chrysene	0.04	5	J	
CFRIEX116(4.0)	09/14/98	Indeno(1,2,3-cd)pyrene	0.048	0.5		
CFRIEX116(4.0)	09/14/98	Lead	11	477	U	
CFRIEX117(1.0)	09/14/98	Benzo(a)anthracene	0.068	0.5	J+	
CFRIEX117(1.0)	09/14/98	Benzo(a)pyrene	0.17	0.2	J+	
CFRIEX117(1.0)	09/14/98	Benzo(b)fluoranthene	0.12	0.5	J+	
CFRIEX117(1.0)	09/14/98	Benzo(k)fluoranthene	0.047	0.5		
CFRIEX117(1.0)	09/14/98	Chrysene	0.1	5		
CFRIEX117(1.0)	09/14/98	Indeno(1,2,3-cd)pyrene	0.11	0.5		
CFRIEX117(1.0)	09/14/98	Lead	18	477	J+	
CFRIEX118(1.0)	09/14/98	Benzo(a)anthracene	0.084	0.5	U	
CFRIEX118(1.0)	09/14/98	Benzo(a)pyrene	0.021	0.2	U	

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Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 11 of 26)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX118(1.0)	09/14/98	Benzo(b)fluoranthene	0.0045	0.5	J	
CFRIEX118(1.0)	09/14/98	Benzo(k)fluoranthene	0.0084	0.5	U	
CFRIEX118(1.0)	09/14/98	Chrysene	0.042	5	U	
CFRIEX118(1.0)	09/14/98	Indeno(1,2,3-cd)pyrene	0.021	0.5	U	
CFRIEX118(1.0)	09/14/98	Lead	11	477	J+	
CFRIEX119(1.5)10 ^h	09/21/98	Benzo(a)anthracene	0.42	0.5		
CFRIEX119(1.5)10	09/21/98	Benzo(a)pyrene	0.31	0.2		exceeds cleanup level
CFRIEX119(1.5)10	09/21/98	Benzo(b)fluoranthene	0.25	0.5		
CFRIEX119(1.5)10	09/21/98	Benzo(k)fluoranthene	0.099	0.5		
CFRIEX119(1.5)10	09/21/98	Chrysene	0.24	5		
CFRIEX119(1.5)10	09/21/98	Indeno(1,2,3-cd)pyrene	0.23	0.5		
CFRIEX119(1.5)10	09/21/98	Lead	50	477		
CFRIEX120(1.0)10A ^g	10/14/98	Benzo(a)anthracene	0.084	0.5	U	visible skeet in area
CFRIEX120(1.0)10A	10/14/98	Benzo(a)pyrene	0.038	0.2		
CFRIEX120(1.0)10A	10/14/98	Benzo(b)fluoranthene	0.034	0.5		
CFRIEX120(1.0)10A	10/14/98	Benzo(k)fluoranthene	0.0084	0.5	U	
CFRIEX120(1.0)10A	10/14/98	Chrysene	0.022	5	J	
CFRIEX120(1.0)10A	10/14/98	Indeno(1,2,3-cd)pyrene	0.049	0.5		
CFRIEX120(1.0)10A	10/14/98	Lead	47	477		
CFRIEX121(1.0)15	09/18/98	Benzo(a)anthracene	0.087	0.5	U	
CFRIEX121(1.0)15	09/18/98	Benzo(a)pyrene	0.022	0.2	U	
CFRIEX121(1.0)15	09/18/98	Benzo(b)fluoranthene	0.0087	0.5	U	
CFRIEX121(1.0)15	09/18/98	Benzo(k)fluoranthene	0.0087	0.5	U	
CFRIEX121(1.0)15	09/18/98	Chrysene	0.063	5		
CFRIEX121(1.0)15	09/18/98	Indeno(1,2,3-cd)pyrene	0.022	0.5	U	
CFRIEX121(1.0)15	09/18/98	Lead	9.2	477	J-	
CFRIEX124(3.5)	09/17/98	Benzo(a)anthracene	0.082	0.5	U	
CFRIEX124(3.5)	09/17/98	Benzo(a)pyrene	0.021	0.2	U	
CFRIEX124(3.5)	09/17/98	Benzo(b)fluoranthene	0.0082	0.5	U	
CFRIEX124(3.5)	09/17/98	Benzo(k)fluoranthene	0.0082	0.5	U	
CFRIEX124(3.5)	09/17/98	Chrysene	0.041	5	U	
CFRIEX124(3.5)	09/17/98	Indeno(1,2,3-cd)pyrene	0.021	0.5	U	
CFRIEX124(3.5)	09/17/98	Lead	7.8	477	J	
CFRIEX126(1.0)	09/17/98	Benzo(a)anthracene	0.081	0.5	U	
CFRIEX126(1.0)	09/17/98	Benzo(a)pyrene	0.054	0.2		
CFRIEX126(1.0)	09/17/98	Benzo(b)fluoranthene	0.036	0.5		
CFRIEX126(1.0)	09/17/98	Benzo(k)fluoranthene	0.015	0.5		
CFRIEX126(1.0)	09/17/98	Chrysene	0.034	5	J	
CFRIEX126(1.0)	09/17/98	Indeno(1,2,3-cd)pyrene	0.04	0.5		
CFRIEX126(1.0)	09/17/98	Lead	30	477		
CFRIEX126(1.0)DUP	09/17/98	Benzo(a)anthracene	0.4	0.5	U	CFRIDUP091798A

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Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 12 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX126(1.0)DUP	09/17/98	Benzo(a)pyrene	0.097	0.2	J	
CFRIEX126(1.0)DUP	09/17/98	Benzo(b)fluoranthene	0.068	0.5		
CFRIEX126(1.0)DUP	09/17/98	Benzo(k)fluoranthene	0.025	0.5	J	
CFRIEX126(1.0)DUP	09/17/98	Chrysene	0.2	5	U	
CFRIEX126(1.0)DUP	09/17/98	Indeno(1,2,3-cd)pyrene	0.062	0.5	J	
CFRIEX126(1.0)DUP	09/17/98	Lead	26	477		
CFRIEX128(2.5)	09/21/98	Benzo(a)anthracene	0.092	0.5	U	
CFRIEX128(2.5)	09/21/98	Benzo(a)pyrene	0.023	0.2	U	
CFRIEX128(2.5)	09/21/98	Benzo(b)fluoranthene	0.0053	0.5	J	
CFRIEX128(2.5)	09/21/98	Benzo(k)fluoranthene	0.0092	0.5	U	
CFRIEX128(2.5)	09/21/98	Chrysene	0.046	5	U	
CFRIEX128(2.5)	09/21/98	Indeno(1,2,3-cd)pyrene	0.023	0.5	U	
CFRIEX128(2.5)	09/21/98	Lead	11	477	U	
CFRIEX129(2.5)10	10/07/98	Benzo(a)anthracene	0.43	0.5	U	
CFRIEX129(2.5)10	10/07/98	Benzo(a)pyrene	0.11	0.2	J+	
CFRIEX129(2.5)10	10/07/98	Benzo(b)fluoranthene	0.084	0.5		
CFRIEX129(2.5)10	10/07/98	Benzo(k)fluoranthene	0.034	0.5	J	
CFRIEX129(2.5)10	10/07/98	Chrysene	0.21	5	U	
CFRIEX129(2.5)10	10/07/98	Indeno(1,2,3-cd)pyrene	0.079	0.5	J	
CFRIEX129(2.5)10	10/07/98	Lead	11	477	UJ	
CFRIEX131(3.5)	09/21/98	Benzo(a)anthracene	0.085	0.5	U	
CFRIEX131(3.5)	09/21/98	Benzo(a)pyrene	0.021	0.2	U	
CFRIEX131(3.5)	09/21/98	Benzo(b)fluoranthene	0.0085	0.5	U	
CFRIEX131(3.5)	09/21/98	Benzo(k)fluoranthene	0.0085	0.5	U	
CFRIEX131(3.5)	09/21/98	Chrysene	0.043	5	U	
CFRIEX131(3.5)	09/21/98	Indeno(1,2,3-cd)pyrene	0.021	0.5	U	
CFRIEX131(3.5)	09/21/98	Lead	11	477	U	
CFRIEX132(3.5)	09/21/98	Benzo(a)anthracene	0.085	0.5	U	
CFRIEX132(3.5)	09/21/98	Benzo(a)pyrene	0.021	0.2	U	
CFRIEX132(3.5)	09/21/98	Benzo(b)fluoranthene	0.0085	0.5	U	
CFRIEX132(3.5)	09/21/98	Benzo(k)fluoranthene	0.0085	0.5	U	
CFRIEX132(3.5)	09/21/98	Chrysene	0.042	5	U	
CFRIEX132(3.5)	09/21/98	Indeno(1,2,3-cd)pyrene	0.021	0.5	U	
CFRIEX132(3.5)	09/21/98	Lead	11	477	U	
CFRIEX133(3.5)	09/21/98	Benzo(a)anthracene	0.08	0.5	U	
CFRIEX133(3.5)	09/21/98	Benzo(a)pyrene	0.02	0.2	U	
CFRIEX133(3.5)	09/21/98	Benzo(b)fluoranthene	0.008	0.5	U	
CFRIEX133(3.5)	09/21/98	Benzo(k)fluoranthene	0.008	0.5	U	
CFRIEX133(3.5)	09/21/98	Chrysene	0.04	5	U	
CFRIEX133(3.5)	09/21/98	Indeno(1,2,3-cd)pyrene	0.02	0.5	U	
CFRIEX133(3.5)	09/21/98	Lead	5.3	477	J	

Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 13 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX134(3.5)	09/21/98	Benzo(a)anthracene	0.081	0.5	U	
CFRIEX134(3.5)	09/21/98	Benzo(a)pyrene	0.014	0.2	J	
CFRIEX134(3.5)	09/21/98	Benzo(b)fluoranthene	0.0092	0.5		
CFRIEX134(3.5)	09/21/98	Benzo(k)fluoranthene	0.0042	0.5	J	
CFRIEX134(3.5)	09/21/98	Chrysene	0.041	5	U	
CFRIEX134(3.5)	09/21/98	Indeno(1,2,3-cd)pyrene	0.011	0.5	J	
CFRIEX134(3.5)	09/21/98	Lead	8.1	477	J	
CFRIEX135(1.5)	09/23/98	Benzo(a)anthracene	0.089	0.5	U	
CFRIEX135(1.5)	09/23/98	Benzo(a)pyrene	0.022	0.2	U	
CFRIEX135(1.5)	09/23/98	Benzo(b)fluoranthene	0.0089	0.5	U	
CFRIEX135(1.5)	09/23/98	Benzo(k)fluoranthene	0.0089	0.5	U	
CFRIEX135(1.5)	09/23/98	Chrysene	0.044	5	U	
CFRIEX135(1.5)	09/23/98	Indeno(1,2,3-cd)pyrene	0.022	0.5	U	
CFRIEX135(1.5)	09/23/98	Lead	11	477	U	
CFRIEX137(2.5)	09/23/98	Benzo(a)anthracene	0.42	0.5	U	
CFRIEX137(2.5)	09/23/98	Benzo(a)pyrene	0.073	0.2	J	
CFRIEX137(2.5)	09/23/98	Benzo(b)fluoranthene	0.051	0.5		
CFRIEX137(2.5)	09/23/98	Benzo(k)fluoranthene	0.042	0.5	U	
CFRIEX137(2.5)	09/23/98	Chrysene	0.21	5	U	
CFRIEX137(2.5)	09/23/98	Indeno(1,2,3-cd)pyrene	0.054	0.5	J	
CFRIEX137(2.5)	09/23/98	Lead	13	477		
CFRIEX139(1.0)	09/23/98	Benzo(a)anthracene	0.086	0.5	U	
CFRIEX139(1.0)	09/23/98	Benzo(a)pyrene	0.053	0.2		
CFRIEX139(1.0)	09/23/98	Benzo(b)fluoranthene	0.044	0.5		
CFRIEX139(1.0)	09/23/98	Benzo(k)fluoranthene	0.02	0.5		
CFRIEX139(1.0)	09/23/98	Chrysene	0.036	5	J	
CFRIEX139(1.0)	09/23/98	Indeno(1,2,3-cd)pyrene	0.045	0.5		
CFRIEX139(1.0)	09/23/98	Lead	17	477		
CFRIEX140(4.0)	09/23/98	Benzo(a)anthracene	0.086	0.5	U	
CFRIEX140(4.0)	09/23/98	Benzo(a)pyrene	0.022	0.2	U	
CFRIEX140(4.0)	09/23/98	Benzo(b)fluoranthene	0.0086	0.5	U	
CFRIEX140(4.0)	09/23/98	Benzo(k)fluoranthene	0.0086	0.5	U	
CFRIEX140(4.0)	09/23/98	Chrysene	0.043	5	U	
CFRIEX140(4.0)	09/23/98	Indeno(1,2,3-cd)pyrene	0.022	0.5	U	
CFRIEX140(4.0)	09/23/98	Lead	11	477	U	
CFRIEX142(2.0)	09/23/98	Benzo(a)anthracene	0.094	0.5	U	
CFRIEX142(2.0)	09/23/98	Benzo(a)pyrene	0.023	0.2	U	
CFRIEX142(2.0)	09/23/98	Benzo(b)fluoranthene	0.0094	0.5	U	
CFRIEX142(2.0)	09/23/98	Benzo(k)fluoranthene	0.0094	0.5	U	
CFRIEX142(2.0)	09/23/98	Chrysene	0.047	5	U	
CFRIEX142(2.0)	09/23/98	Indeno(1,2,3-cd)pyrene	0.023	0.5	U	

Footnotes at end of table.
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Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy-Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 14 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX142(2.0)	09/23/98	Lead	12	477	U	
CFRIEX143(3.0)	09/24/98	Benzo(a)anthracene	0.083	0.5	U	
CFRIEX143(3.0)	09/24/98	Benzo(a)pyrene	0.021	0.2	U	
CFRIEX143(3.0)	09/24/98	Benzo(b)fluoranthene	0.0083	0.5	U	
CFRIEX143(3.0)	09/24/98	Benzo(k)fluoranthene	0.0083	0.5	U	
CFRIEX143(3.0)	09/24/98	Chrysene	0.042	5	U	
CFRIEX143(3.0)	09/24/98	Indeno(1,2,3-cd)pyrene	0.021	0.5	U	
CFRIEX143(3.0)	09/24/98	Lead	12	477		
CFRIEX144(3.0)	09/24/98	Benzo(a)anthracene	0.084	0.5	U	
CFRIEX144(3.0)	09/24/98	Benzo(a)pyrene	0.021	0.2	U	
CFRIEX144(3.0)	09/24/98	Benzo(b)fluoranthene	0.0084	0.5	U	
CFRIEX144(3.0)	09/24/98	Benzo(k)fluoranthene	0.0084	0.5	U	
CFRIEX144(3.0)	09/24/98	Chrysene	0.042	5	U	
CFRIEX144(3.0)	09/24/98	Indeno(1,2,3-cd)pyrene	0.021	0.5	U	
CFRIEX144(3.0)	09/24/98	Lead	11	477	U	
CFRIEX145(3.0)	09/24/98	Benzo(a)anthracene	0.083	0.5	U	
CFRIEX145(3.0)	09/24/98	Benzo(a)pyrene	0.021	0.2	U	
CFRIEX145(3.0)	09/24/98	Benzo(b)fluoranthene	0.0083	0.5	U	
CFRIEX145(3.0)	09/24/98	Benzo(k)fluoranthene	0.0083	0.5	U	
CFRIEX145(3.0)	09/24/98	Chrysene	0.041	5	U	
CFRIEX145(3.0)	09/24/98	Indeno(1,2,3-cd)pyrene	0.021	0.5	U	
CFRIEX145(3.0)	09/24/98	Lead	10	477		
CFRIEX150(3.0)	10/16/98	Benzo(a)anthracene	0.096	0.5	U	
CFRIEX150(3.0)	10/16/98	Benzo(a)pyrene	0.024	0.2	U	
CFRIEX150(3.0)	10/16/98	Benzo(b)fluoranthene	0.0096	0.5	U	
CFRIEX150(3.0)	10/16/98	Benzo(k)fluoranthene	0.0096	0.5	U	
CFRIEX150(3.0)	10/16/98	Chrysene	0.048	5	U	
CFRIEX150(3.0)	10/16/98	Indeno(1,2,3-cd)pyrene	0.024	0.5	U	
CFRIEX150(3.0)	10/16/98	Lead	12	477	U	
CFRIEX151(1.0) ^h	10/14/98	Benzo(a)anthracene	0.2	0.5		
CFRIEX151(1.0)	10/14/98	Benzo(a)pyrene	0.57	0.2		exceeds cleanup level
CFRIEX151(1.0)	10/14/98	Benzo(b)fluoranthene	0.41	0.5		
CFRIEX151(1.0)	10/14/98	Benzo(k)fluoranthene	0.15	0.5		
CFRIEX151(1.0)	10/14/98	Chrysene	0.35	5		
CFRIEX151(1.0)	10/14/98	Indeno(1,2,3-cd)pyrene	0.43	0.5		
CFRIEX151(1.0)	10/14/98	Lead	25	477		
CFRIEX156(1.5) ^h	10/14/98	Benzo(a)anthracene	0.2	0.5		visible skeet in area
CFRIEX156(1.5)	10/14/98	Benzo(a)pyrene	0.6	0.2		exceeds cleanup level
CFRIEX156(1.5)	10/14/98	Benzo(b)fluoranthene	0.39	0.5		
CFRIEX156(1.5)	10/14/98	Benzo(k)fluoranthene	0.15	0.5		
CFRIEX156(1.5)	10/14/98	Chrysene	0.33	5		

Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 15 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX156(1.5)	10/14/98	Indeno(1,2,3-cd)pyrene	0.41	0.5		
CFRIEX156(1.5)	10/14/98	Lead	60	477		
CFRIEX156(1.5)DUP ^h	10/14/98	Benzo(a)anthracene	0.1	0.5		visible skeet in area
CFRIEX156(1.5)DUP	10/14/98	Benzo(a)pyrene	0.27	0.2		exceeds cleanup level
CFRIEX156(1.5)DUP	10/14/98	Benzo(b)fluoranthene	0.19	0.5		
CFRIEX156(1.5)DUP	10/14/98	Benzo(k)fluoranthene	0.063	0.5		
CFRIEX156(1.5)DUP	10/14/98	Chrysene	0.16	5		
CFRIEX156(1.5)DUP	10/14/98	Indeno(1,2,3-cd)pyrene	0.23	0.5		
CFRIEX156(1.5)DUP	10/14/98	Lead	52	477		
CFRIEX157(1.5) ^h	10/14/98	Benzo(a)anthracene	0.19	0.5		
CFRIEX157(1.5)	10/14/98	Benzo(a)pyrene	0.48	0.2		exceeds cleanup level
CFRIEX157(1.5)	10/14/98	Benzo(b)fluoranthene	0.35	0.5		
CFRIEX157(1.5)	10/14/98	Benzo(k)fluoranthene	0.13	0.5		
CFRIEX157(1.5)	10/14/98	Chrysene	0.88	5		
CFRIEX157(1.5)	10/14/98	Indeno(1,2,3-cd)pyrene	0.49	0.5		
CFRIEX157(1.5)	10/14/98	Lead	160	477		
CFRIEX158(1.5)	10/14/98	Benzo(a)anthracene	0.062	0.5	J+	
CFRIEX158(1.5)	10/14/98	Benzo(a)pyrene	0.17	0.2	J+	
CFRIEX158(1.5)	10/14/98	Benzo(b)fluoranthene	0.12	0.5	J+	
CFRIEX158(1.5)	10/14/98	Benzo(k)fluoranthene	0.045	0.5	J+	
CFRIEX158(1.5)	10/14/98	Chrysene	0.12	5	J+	
CFRIEX158(1.5)	10/14/98	Indeno(1,2,3-cd)pyrene	0.13	0.5	J+	
CFRIEX158(1.5)	10/14/98	Lead	59	477		
CFRIEX166(2.5)10	12/02/98	Benzo(a)anthracene	0.085	0.5	U	
CFRIEX166(2.5)10	12/02/98	Benzo(a)pyrene	0.021	0.2	U	
CFRIEX166(2.5)10	12/02/98	Benzo(b)fluoranthene	0.0085	0.5	U	
CFRIEX166(2.5)10	12/02/98	Benzo(k)fluoranthene	0.0085	0.5	U	
CFRIEX166(2.5)10	12/02/98	Chrysene	0.043	5	U	
CFRIEX166(2.5)10	12/02/98	Indeno(1,2,3-cd)pyrene	0.021	0.5	U	
CFRIEX166(2.5)10	12/02/98	Lead	11	477	U	
CFRIEX166(2.5)10DUP	12/02/98	Benzo(a)anthracene	0.085	0.5	U	CFRIDUP120298B
CFRIEX166(2.5)10DUP	12/02/98	Benzo(a)pyrene	0.021	0.2	U	
CFRIEX166(2.5)10DUP	12/02/98	Benzo(b)fluoranthene	0.0085	0.5	U	
CFRIEX166(2.5)10DUP	12/02/98	Benzo(k)fluoranthene	0.0085	0.5	U	
CFRIEX166(2.5)10DUP	12/02/98	Chrysene	0.043	5	U	
CFRIEX166(2.5)10DUP	12/02/98	Indeno(1,2,3-cd)pyrene	0.021	0.5	U	
CFRIEX166(2.5)10DUP	12/02/98	Lead	11	477	U	
CFRIEX172(2.0)	12/02/98	Benzo(a)anthracene	0.47	0.5	U	
CFRIEX172(2.0)	12/02/98	Benzo(a)pyrene	0.17	0.2		
CFRIEX172(2.0)	12/02/98	Benzo(b)fluoranthene	0.12	0.5		
CFRIEX172(2.0)	12/02/98	Benzo(k)fluoranthene	0.046	0.5	J	

Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 16 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX172(2.0)	12/02/98	Chrysene	0.23	5	U	
CFRIEX172(2.0)	12/02/98	Indeno(1,2,3-cd)pyrene	0.11	0.5	J	
CFRIEX172(2.0)	12/02/98	Lead	39	477		
CFRIEX172(2.0)DUP	12/02/98	Benzo(a)anthracene	0.47	0.5	U	CFRIDUP120298A
CFRIEX172(2.0)DUP	12/02/98	Benzo(a)pyrene	0.14	0.2		
CFRIEX172(2.0)DUP	12/02/98	Benzo(b)fluoranthene	0.1	0.5		
CFRIEX172(2.0)DUP	12/02/98	Benzo(k)fluoranthene	0.04	0.5	J	
CFRIEX172(2.0)DUP	12/02/98	Chrysene	0.23	5	U	
CFRIEX172(2.0)DUP	12/02/98	Indeno(1,2,3-cd)pyrene	0.092	0.5	J	
CFRIEX172(2.0)DUP	12/02/98	Lead	51	477		
CFRIEX173(1.5)	12/15/98	Benzo(a)anthracene	0.013	0.5	J	
CFRIEX173(1.5)	12/15/98	Benzo(a)pyrene	0.02	0.2	J	
CFRIEX173(1.5)	12/15/98	Benzo(b)fluoranthene	0.013	0.5	J	
CFRIEX173(1.5)	12/15/98	Benzo(k)fluoranthene	0.022	0.5	U	
CFRIEX173(1.5)	12/15/98	Chrysene	0.022	5	U	
CFRIEX173(1.5)	12/15/98	Indeno(1,2,3-cd)pyrene	0.022	0.5	U	
CFRIEX173(1.5)	12/15/98	Lead	150	477		
CFRIEX173(1.5)DUP	12/15/98	Benzo(a)anthracene	0.16	0.5		CFRIDUP121598B
CFRIEX173(1.5)DUP	12/15/98	Benzo(a)pyrene	0.2	0.2		
CFRIEX173(1.5)DUP	12/15/98	Benzo(b)fluoranthene	0.13	0.5		
CFRIEX173(1.5)DUP	12/15/98	Benzo(k)fluoranthene	0.028	0.5		
CFRIEX173(1.5)DUP	12/15/98	Chrysene	0.055	5		
CFRIEX173(1.5)DUP	12/15/98	Indeno(1,2,3-cd)pyrene	0.041	0.5		
CFRIEX173(1.5)DUP	12/15/98	Lead	90	477		
CFRIEX174(1.5)5	12/21/98	Benzo(a)anthracene	0.019	0.5		
CFRIEX174(1.5)5	12/21/98	Benzo(a)pyrene	0.035	0.2		
CFRIEX174(1.5)5	12/21/98	Benzo(b)fluoranthene	0.026	0.5		
CFRIEX174(1.5)5	12/21/98	Benzo(k)fluoranthene	0.01	0.5	J	
CFRIEX174(1.5)5	12/21/98	Chrysene	0.026	5		
CFRIEX174(1.5)5	12/21/98	Indeno(1,2,3-cd)pyrene	0.024	0.5		
CFRIEX174(1.5)5	12/21/98	Lead	250	477	J+	
Excavation 4/5						
CFRIEX050(1.0)	07/31/98	Benzo(a)anthracene	0.0033	0.5	U	
CFRIEX050(1.0)	07/31/98	Benzo(a)pyrene	0.0033	0.2	U	
CFRIEX050(1.0)	07/31/98	Benzo(b)fluoranthene	0.0067	0.5	U	
CFRIEX050(1.0)	07/31/98	Benzo(k)fluoranthene	0.0033	0.5	U	
CFRIEX050(1.0)	07/31/98	Chrysene	0.0033	5	U	
CFRIEX050(1.0)	07/31/98	Indeno(1,2,3-cd)pyrene	0.0033	0.5	U	
CFRIEX050(1.0)	07/31/98	Lead	2.8	477		
CFRIEX051(1.0)	07/31/98	Benzo(a)anthracene	0.0043	0.5	J	
CFRIEX051(1.0)	07/31/98	Benzo(a)pyrene	0.0061	0.2	J	

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Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 17 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX051(1.0)	07/31/98	Benzo(b)fluoranthene	0.0067	0.5	U	
CFRIEX051(1.0)	07/31/98	Benzo(k)fluoranthene	0.0034	0.5	J	
CFRIEX051(1.0)	07/31/98	Chrysene	0.0069	5	J	
CFRIEX051(1.0)	07/31/98	Indeno(1,2,3-cd)pyrene	0.0082	0.5	J	
CFRIEX051(1.0)	07/31/98	Lead	3.3	477		
CFRIEX055(1.0)10	07/20/98	Benzo(a)anthracene	0.034	0.5	U	
CFRIEX055(1.0)10	07/20/98	Benzo(a)pyrene	0.034	0.2	U	
CFRIEX055(1.0)10	07/20/98	Benzo(b)fluoranthene	0.07	0.5	U	
CFRIEX055(1.0)10	07/20/98	Benzo(k)fluoranthene	0.034	0.5	U	
CFRIEX055(1.0)10	07/20/98	Chrysene	0.034	5	U	
CFRIEX055(1.0)10	07/20/98	Indeno(1,2,3-cd)pyrene	0.034	0.5	U	
CFRIEX055(1.0)10	07/20/98	Lead	14	477		
CFRIEX056(1.0)10	07/20/98	Benzo(a)anthracene	0.1	0.5		
CFRIEX056(1.0)10	07/20/98	Benzo(a)pyrene	0.16	0.2		
CFRIEX056(1.0)10	07/20/98	Benzo(b)fluoranthene	0.16	0.5		
CFRIEX056(1.0)10	07/20/98	Benzo(k)fluoranthene	0.086	0.5		
CFRIEX056(1.0)10	07/20/98	Chrysene	0.066	5		
CFRIEX056(1.0)10	07/20/98	Indeno(1,2,3-cd)pyrene	0.28	0.5		
CFRIEX056(1.0)10	07/20/98	Lead	180	477		
CFRIEX057(1.0)	07/20/98	Benzo(a)anthracene	0.048	0.5	J	
CFRIEX057(1.0)	07/20/98	Benzo(a)pyrene	0.078	0.2	J	
CFRIEX057(1.0)	07/20/98	Benzo(b)fluoranthene	0.13	0.5	J	
CFRIEX057(1.0)	07/20/98	Benzo(k)fluoranthene	0.057	0.5	J	
CFRIEX057(1.0)	07/20/98	Chrysene	0.32	5	J	
CFRIEX057(1.0)	07/20/98	Indeno(1,2,3-cd)pyrene	0.034	0.5	U	
CFRIEX057(1.0)	07/20/98	Lead	64	477		
CFRIEX058(1.0)20	07/20/98	Benzo(a)anthracene	0.017	0.5	U	
CFRIEX058(1.0)20	07/20/98	Benzo(a)pyrene	0.032	0.2	J	
CFRIEX058(1.0)20	07/20/98	Benzo(b)fluoranthene	0.034	0.5	U	
CFRIEX058(1.0)20	07/20/98	Benzo(k)fluoranthene	0.017	0.5	U	
CFRIEX058(1.0)20	07/20/98	Chrysene	0.02	5	J	
CFRIEX058(1.0)20	07/20/98	Indeno(1,2,3-cd)pyrene	0.028	0.5	J	
CFRIEX058(1.0)20	07/20/98	Lead	46	477		
CFRIEX059(1.5)	07/30/98	Benzo(a)anthracene	0.037	0.5	U	
CFRIEX059(1.5)	07/30/98	Benzo(a)pyrene	0.037	0.2	U	
CFRIEX059(1.5)	07/30/98	Benzo(b)fluoranthene	0.074	0.5	U	
CFRIEX059(1.5)	07/30/98	Benzo(k)fluoranthene	0.037	0.5	U	
CFRIEX059(1.5)	07/30/98	Chrysene	0.037	5	U	
CFRIEX059(1.5)	07/30/98	Indeno(1,2,3-cd)pyrene	0.037	0.5	U	
CFRIEX059(1.5)	07/30/98	Lead	160	477		
CFRIEX060(3.0)25	09/11/98	Benzo(a)anthracene	0.089	0.5	U	

Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 18 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX060(3.0)25	09/11/98	Benzo(a)pyrene	0.022	0.2	U	
CFRIEX060(3.0)25	09/11/98	Benzo(b)fluoranthene	0.0089	0.5	U	
CFRIEX060(3.0)25	09/11/98	Benzo(k)fluoranthene	0.0089	0.5	U	
CFRIEX060(3.0)25	09/11/98	Chrysene	0.045	5	U	
CFRIEX060(3.0)25	09/11/98	Indeno(1,2,3-cd)pyrene	0.022	0.5	U	
CFRIEX060(3.0)25	09/11/98	Lead	11	477	UJ	
CFRIEX061(1.0)10	08/31/98	Benzo(a)anthracene	0.0098	0.5	J	
CFRIEX061(1.0)10	08/31/98	Benzo(a)pyrene	0.016	0.2	J	
CFRIEX061(1.0)10	08/31/98	Benzo(b)fluoranthene	0.015	0.5	J	
CFRIEX061(1.0)10	08/31/98	Benzo(k)fluoranthene	0.0089	0.5	J	
CFRIEX061(1.0)10	08/31/98	Chrysene	0.0082	5	J	
CFRIEX061(1.0)10	08/31/98	Indeno(1,2,3-cd)pyrene	0.013	0.5	J	
CFRIEX061(1.0)10	08/31/98	Lead	2.1	477	J-	
CFRIEX062(1.5)270	09/08/98	Benzo(a)anthracene	0.0047	0.5	J	
CFRIEX062(1.5)270	09/08/98	Benzo(a)pyrene	0.0088	0.2	J	
CFRIEX062(1.5)270	09/08/98	Benzo(b)fluoranthene	0.0068	0.5	U	
CFRIEX062(1.5)270	09/08/98	Benzo(k)fluoranthene	0.0034	0.5	U	
CFRIEX062(1.5)270	09/08/98	Chrysene	0.0066	5	J	
CFRIEX062(1.5)270	09/08/98	Indeno(1,2,3-cd)pyrene	0.0044	0.5	J	
CFRIEX062(1.5)270	09/08/98	Lead	11	477	J-	
CFRIEX063(3.0)	08/03/98	Benzo(a)anthracene	0.0033	0.5	U	
CFRIEX063(3.0)	08/03/98	Benzo(a)pyrene	0.0033	0.2	U	
CFRIEX063(3.0)	08/03/98	Benzo(b)fluoranthene	0.0068	0.5	U	
CFRIEX063(3.0)	08/03/98	Benzo(k)fluoranthene	0.0033	0.5	U	
CFRIEX063(3.0)	08/03/98	Chrysene	0.0033	5	U	
CFRIEX063(3.0)	08/03/98	Indeno(1,2,3-cd)pyrene	0.0033	0.5	UJ	
CFRIEX063(3.0)	08/03/98	Lead	25	477		
CFRIEX064(3.0)	08/03/98	Benzo(a)anthracene	0.0036	0.5	J	
CFRIEX064(3.0)	08/03/98	Benzo(a)pyrene	0.0069	0.2	J	
CFRIEX064(3.0)	08/03/98	Benzo(b)fluoranthene	0.0068	0.5	U	
CFRIEX064(3.0)	08/03/98	Benzo(k)fluoranthene	0.0034	0.5	U	
CFRIEX064(3.0)	08/03/98	Chrysene	0.0034	5	J	
CFRIEX064(3.0)	08/03/98	Indeno(1,2,3-cd)pyrene	0.0061	0.5	J	
CFRIEX064(3.0)	08/03/98	Lead	20	477		
CFRIEX065(3.0)	08/03/98	Benzo(a)anthracene	0.0044	0.5	J	
CFRIEX065(3.0)	08/03/98	Benzo(a)pyrene	0.0075	0.2	J	
CFRIEX065(3.0)	08/03/98	Benzo(b)fluoranthene	0.0069	0.5	U	
CFRIEX065(3.0)	08/03/98	Benzo(k)fluoranthene	0.0034	0.5	U	
CFRIEX065(3.0)	08/03/98	Chrysene	0.0049	5	J	
CFRIEX065(3.0)	08/03/98	Indeno(1,2,3-cd)pyrene	0.0056	0.5	J	
CFRIEX065(3.0)	08/03/98	Lead	76	477		

Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy-Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 19 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX066(4.0)	09/08/98	Benzo(a)anthracene	0.006	0.5	J	
CFRIEX066(4.0)	09/08/98	Benzo(a)pyrene	0.014	0.2	J	
CFRIEX066(4.0)	09/08/98	Benzo(b)fluoranthene	0.0087	0.5	J	
CFRIEX066(4.0)	09/08/98	Benzo(k)fluoranthene	0.0046	0.5	J	
CFRIEX066(4.0)	09/08/98	Chrysene	0.0034	5	U	
CFRIEX066(4.0)	09/08/98	Indeno(1,2,3-cd)pyrene	0.009	0.5	J	
CFRIEX066(4.0)	09/08/98	Lead	26	477	J-	
CFRIEX067(3.0)	08/03/98	Benzo(a)anthracene	0.029	0.5	J	
CFRIEX067(3.0)	08/03/98	Benzo(a)pyrene	0.052	0.2	J	
CFRIEX067(3.0)	08/03/98	Benzo(b)fluoranthene	0.038	0.5	J	
CFRIEX067(3.0)	08/03/98	Benzo(k)fluoranthene	0.022	0.5	J	
CFRIEX067(3.0)	08/03/98	Chrysene	0.018	5	J	
CFRIEX067(3.0)	08/03/98	Indeno(1,2,3-cd)pyrene	0.037	0.5	J	
CFRIEX067(3.0)	08/03/98	Lead	60	477		
CFRIEX075(1.5)20	08/31/98	Benzo(a)anthracene	0.0035	0.5	U	
CFRIEX075(1.5)20	08/31/98	Benzo(a)pyrene	0.0076	0.2	J	
CFRIEX075(1.5)20	08/31/98	Benzo(b)fluoranthene	0.0072	0.5	U	
CFRIEX075(1.5)20	08/31/98	Benzo(k)fluoranthene	0.0035	0.5	U	
CFRIEX075(1.5)20	08/31/98	Chrysene	0.006	5	J	
CFRIEX075(1.5)20	08/31/98	Indeno(1,2,3-cd)pyrene	0.0061	0.5	J	
CFRIEX075(1.5)20	08/31/98	Lead	1	477	J-	
CFRIEX080(1.5)	08/11/98	Benzo(a)anthracene	0.034	0.5	U	
CFRIEX080(1.5)	08/11/98	Benzo(a)pyrene	0.048	0.2	J	
CFRIEX080(1.5)	08/11/98	Benzo(b)fluoranthene	0.069	0.5	U	
CFRIEX080(1.5)	08/11/98	Benzo(k)fluoranthene	0.034	0.5	U	
CFRIEX080(1.5)	08/11/98	Chrysene	0.034	5	U	
CFRIEX080(1.5)	08/11/98	Indeno(1,2,3-cd)pyrene	0.034	0.5	J	
CFRIEX080(1.5)	08/11/98	Lead	21	477		
CFRIEX080(1.5)DUP	08/11/98	Benzo(a)anthracene	0.0043	0.5	J	CFRIDUP081198B
CFRIEX080(1.5)DUP	08/11/98	Benzo(a)pyrene	0.0046	0.2	J	
CFRIEX080(1.5)DUP	08/11/98	Benzo(b)fluoranthene	0.0071	0.5	U	
CFRIEX080(1.5)DUP	08/11/98	Benzo(k)fluoranthene	0.0035	0.5	U	
CFRIEX080(1.5)DUP	08/11/98	Chrysene	0.004	5	J	
CFRIEX080(1.5)DUP	08/11/98	Indeno(1,2,3-cd)pyrene	0.0039	0.5	J	
CFRIEX080(1.5)DUP	08/11/98	Lead	14	477		
CFRIEX081(4.0)	08/31/98	Benzo(a)anthracene	0.11	0.5	J	
CFRIEX081(4.0)	08/31/98	Benzo(a)pyrene	0.15	0.2	J	
CFRIEX081(4.0)	08/31/98	Benzo(b)fluoranthene	0.12	0.5	J	
CFRIEX081(4.0)	08/31/98	Benzo(k)fluoranthene	0.062	0.5	J	
CFRIEX081(4.0)	08/31/98	Chrysene	0.14	5	J	
CFRIEX081(4.0)	08/31/98	Indeno(1,2,3-cd)pyrene	0.13	0.5	J	

Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 20 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX081(4.0)	08/31/98	Lead	180	477	J-	
CFRIEX082(3.0)	08/31/98	Benzo(a)anthracene	0.0037	0.5	U	
CFRIEX082(3.0)	08/31/98	Benzo(a)pyrene	0.0037	0.2	U	
CFRIEX082(3.0)	08/31/98	Benzo(b)fluoranthene	0.0074	0.5	U	
CFRIEX082(3.0)	08/31/98	Benzo(k)fluoranthene	0.0037	0.5	U	
CFRIEX082(3.0)	08/31/98	Chrysene	0.0064	5	J	
CFRIEX082(3.0)	08/31/98	Indeno(1,2,3-cd)pyrene	0.0042	0.5	J	
CFRIEX082(3.0)	08/31/98	Lead	88	477		
CFRIEX085(1.5)	09/08/98	Benzo(a)anthracene	0.0034	0.5	U	
CFRIEX085(1.5)	09/08/98	Benzo(a)pyrene	0.0034	0.2	U	
CFRIEX085(1.5)	09/08/98	Benzo(b)fluoranthene	0.0069	0.5	U	
CFRIEX085(1.5)	09/08/98	Benzo(k)fluoranthene	0.0034	0.5	U	
CFRIEX085(1.5)	09/08/98	Chrysene	0.0034	5	U	
CFRIEX085(1.5)	09/08/98	Indeno(1,2,3-cd)pyrene	0.0034	0.5	U	
CFRIEX085(1.5)	09/08/98	Lead	2.6	477	J-	
CFRIEX086(1.5)	09/08/98	Benzo(a)anthracene	0.0034	0.5	U	
CFRIEX086(1.5)	09/08/98	Benzo(a)pyrene	0.0034	0.2	U	
CFRIEX086(1.5)	09/08/98	Benzo(b)fluoranthene	0.0068	0.5	U	
CFRIEX086(1.5)	09/08/98	Benzo(k)fluoranthene	0.0034	0.5	U	
CFRIEX086(1.5)	09/08/98	Chrysene	0.0034	5	U	
CFRIEX086(1.5)	09/08/98	Indeno(1,2,3-cd)pyrene	0.0034	0.5	U	
CFRIEX086(1.5)	09/08/98	Lead	7.8	477	J-	
CFRIEX088(4.5)	09/10/98	Benzo(a)anthracene	0.087	0.5	U	
CFRIEX088(4.5)	09/10/98	Benzo(a)pyrene	0.015	0.2	J	
CFRIEX088(4.5)	09/10/98	Benzo(b)fluoranthene	0.012	0.5		
CFRIEX088(4.5)	09/10/98	Benzo(k)fluoranthene	0.0048	0.5	J	
CFRIEX088(4.5)	09/10/98	Chrysene	0.044	5	U	
CFRIEX088(4.5)	09/10/98	Indeno(1,2,3-cd)pyrene	0.022	0.5	U	
CFRIEX088(4.5)	09/10/98	Lead	35	477	J+	
CFRIEX089(4.5) ^h	10/14/98	Benzo(a)anthracene	0.41	0.5		visible skeet in area
CFRIEX089(4.5)	10/14/98	Benzo(a)pyrene	0.1	0.2		
CFRIEX089(4.5)	10/14/98	Benzo(b)fluoranthene	0.041	0.5		
CFRIEX089(4.5)	10/14/98	Benzo(k)fluoranthene	0.041	0.5		
CFRIEX089(4.5)	10/14/98	Chrysene	0.21	5		
CFRIEX089(4.5)	10/14/98	Indeno(1,2,3-cd)pyrene	0.1	0.5		
CFRIEX089(4.5)	10/14/98	Lead	8.4	477		
CFRIEX090(4.5)	09/10/98	Benzo(a)anthracene	0.087	0.5	U	
CFRIEX090(4.5)	09/10/98	Benzo(a)pyrene	0.022	0.2	U	
CFRIEX090(4.5)	09/10/98	Benzo(b)fluoranthene	0.0087	0.5	U	
CFRIEX090(4.5)	09/10/98	Benzo(k)fluoranthene	0.0081	0.5	J	
CFRIEX090(4.5)	09/10/98	Chrysene	0.043	5	U	

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Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 21 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX090(4.5)	09/10/98	Indeno(1,2,3-cd)pyrene	0.022	0.5	U	
CFRIEX090(4.5)	09/10/98	Lead	260	477	J+	
CFRIEX091(3.5)	09/10/98	Benzo(a)anthracene	0.085	0.5	U	
CFRIEX091(3.5)	09/10/98	Benzo(a)pyrene	0.021	0.2	U	
CFRIEX091(3.5)	09/10/98	Benzo(b)fluoranthene	0.0085	0.5	U	
CFRIEX091(3.5)	09/10/98	Benzo(k)fluoranthene	0.0085	0.5	U	
CFRIEX091(3.5)	09/10/98	Chrysene	0.042	5	U	
CFRIEX091(3.5)	09/10/98	Indeno(1,2,3-cd)pyrene	0.021	0.5	U	
CFRIEX091(3.5)	09/10/98	Lead	13	477	J+	
CFRIEX092(3.5)	09/10/98	Benzo(a)anthracene	0.086	0.5	U	
CFRIEX092(3.5)	09/10/98	Benzo(a)pyrene	0.022	0.2	U	
CFRIEX092(3.5)	09/10/98	Benzo(b)fluoranthene	0.0086	0.5	U	
CFRIEX092(3.5)	09/10/98	Benzo(k)fluoranthene	0.0086	0.5	U	
CFRIEX092(3.5)	09/10/98	Chrysene	0.043	5	U	
CFRIEX092(3.5)	09/10/98	Indeno(1,2,3-cd)pyrene	0.022	0.5	U	
CFRIEX092(3.5)	09/10/98	Lead	150	477	J+	
CFRIEX094(3.5)	09/10/98	Benzo(a)anthracene	0.083	0.5	U	
CFRIEX094(3.5)	09/10/98	Benzo(a)pyrene	0.021	0.2	U	
CFRIEX094(3.5)	09/10/98	Benzo(b)fluoranthene	0.0083	0.5	U	
CFRIEX094(3.5)	09/10/98	Benzo(k)fluoranthene	0.0083	0.5	U	
CFRIEX094(3.5)	09/10/98	Chrysene	0.042	5	U	
CFRIEX094(3.5)	09/10/98	Indeno(1,2,3-cd)pyrene	0.021	0.5	U	
CFRIEX094(3.5)	09/10/98	Lead	13	477	J+	
CFRIEX095(4.0)	09/14/98	Benzo(a)anthracene	0.49	0.5	U	
CFRIEX095(4.0)	09/14/98	Benzo(a)pyrene	0.12	0.2	U	
CFRIEX095(4.0)	09/14/98	Benzo(b)fluoranthene	0.049	0.5	U	
CFRIEX095(4.0)	09/14/98	Benzo(k)fluoranthene	0.049	0.5	U	
CFRIEX095(4.0)	09/14/98	Chrysene	0.25	5	U	
CFRIEX095(4.0)	09/14/98	Indeno(1,2,3-cd)pyrene	0.12	0.5	U	
CFRIEX095(4.0)	09/14/98	Lead	37	477	J+	
CFRIEX096(3.0)	09/10/98	Benzo(a)anthracene	0.085	0.5	U	
CFRIEX096(3.0)	09/10/98	Benzo(a)pyrene	0.025	0.2		
CFRIEX096(3.0)	09/10/98	Benzo(b)fluoranthene	0.027	0.5		
CFRIEX096(3.0)	09/10/98	Benzo(k)fluoranthene	0.011	0.5		
CFRIEX096(3.0)	09/10/98	Chrysene	0.023	5	J	
CFRIEX096(3.0)	09/10/98	Indeno(1,2,3-cd)pyrene	0.02	0.5	J	
CFRIEX096(3.0)	09/10/98	Lead	26	477	J+	
CFRIEX110(4.5)	09/18/98	Benzo(a)anthracene	0.088	0.5	U	
CFRIEX110(4.5)	09/18/98	Benzo(a)pyrene	0.02	0.2	J	
CFRIEX110(4.5)	09/18/98	Benzo(b)fluoranthene	0.016	0.5		
CFRIEX110(4.5)	09/18/98	Benzo(k)fluoranthene	0.0074	0.5	J	

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Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 22 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX110(4.5)	09/18/98	Chrysene	0.044	5	U	
CFRIEX110(4.5)	09/18/98	Indeno(1,2,3-cd)pyrene	0.012	0.5	J	
CFRIEX110(4.5)	09/18/98	Lead	420	477	J-	
CFRIEX111(3.5)	09/17/98	Benzo(a)anthracene	0.45	0.5	U	
CFRIEX111(3.5)	09/17/98	Benzo(a)pyrene	0.11	0.2	U	
CFRIEX111(3.5)	09/17/98	Benzo(b)fluoranthene	0.045	0.5	U	
CFRIEX111(3.5)	09/17/98	Benzo(k)fluoranthene	0.045	0.5	U	
CFRIEX111(3.5)	09/17/98	Chrysene	0.23	5	U	
CFRIEX111(3.5)	09/17/98	Indeno(1,2,3-cd)pyrene	0.11	0.5	U	
CFRIEX111(3.5)	09/17/98	Lead	69	477		
CFRIEX112(3.0)	09/14/98	Benzo(a)anthracene	0.088	0.5	U	
CFRIEX112(3.0)	09/14/98	Benzo(a)pyrene	0.022	0.2	U	
CFRIEX112(3.0)	09/14/98	Benzo(b)fluoranthene	0.0071	0.5	J	
CFRIEX112(3.0)	09/14/98	Benzo(k)fluoranthene	0.0088	0.5	U	
CFRIEX112(3.0)	09/14/98	Chrysene	0.044	5	U	
CFRIEX112(3.0)	09/14/98	Indeno(1,2,3-cd)pyrene	0.03	0.5		
CFRIEX112(3.0)	09/14/98	Lead	9.7	477	J+	
CFRIEX113(3.0)	09/14/98	Benzo(a)anthracene	0.42	0.5	U	
CFRIEX113(3.0)	09/14/98	Benzo(a)pyrene	0.067	0.2	J	
CFRIEX113(3.0)	09/14/98	Benzo(b)fluoranthene	0.031	0.5	J	
CFRIEX113(3.0)	09/14/98	Benzo(k)fluoranthene	0.065	0.5		
CFRIEX113(3.0)	09/14/98	Chrysene	0.21	5	U	
CFRIEX113(3.0)	09/14/98	Indeno(1,2,3-cd)pyrene	0.1	0.5	U	
CFRIEX113(3.0)	09/14/98	Lead	50	477	J+	
CFRIEX115(1.5)	09/14/98	Benzo(a)anthracene	0.08	0.5	U	
CFRIEX115(1.5)	09/14/98	Benzo(a)pyrene	0.02	0.2	U	
CFRIEX115(1.5)	09/14/98	Benzo(b)fluoranthene	0.008	0.5	U	
CFRIEX115(1.5)	09/14/98	Benzo(k)fluoranthene	0.008	0.5	U	
CFRIEX115(1.5)	09/14/98	Chrysene	0.04	5	U	
CFRIEX115(1.5)	09/14/98	Indeno(1,2,3-cd)pyrene	0.02	0.5	U	
CFRIEX115(1.5)	09/14/98	Lead	5.1	477		
CFRIEX122(6.0)	09/18/98	Benzo(a)anthracene	0.088	0.5	U	
CFRIEX122(6.0)	09/18/98	Benzo(a)pyrene	0.03	0.2		
CFRIEX122(6.0)	09/18/98	Benzo(b)fluoranthene	0.02	0.5		
CFRIEX122(6.0)	09/18/98	Benzo(k)fluoranthene	0.0097	0.5		
CFRIEX122(6.0)	09/18/98	Chrysene	0.024	5	J	
CFRIEX122(6.0)	09/18/98	Indeno(1,2,3-cd)pyrene	0.015	0.5	J	
CFRIEX122(6.0)	09/18/98	Lead	28	477	J-	
CFRIEX123(4.0)	09/18/98	Benzo(a)anthracene	0.091	0.5	U	
CFRIEX123(4.0)	09/18/98	Benzo(a)pyrene	0.02	0.2	J	
CFRIEX123(4.0)	09/18/98	Benzo(b)fluoranthene	0.015	0.5		

Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy-Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 23 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX123(4.0)	09/18/98	Benzo(k)fluoranthene	0.0065	0.5	J	
CFRIEX123(4.0)	09/18/98	Chrysene	0.045	5	U	
CFRIEX123(4.0)	09/18/98	Indeno(1,2,3-cd)pyrene	0.014	0.5	J	
CFRIEX123(4.0)	09/18/98	Lead	3.2	477	J-	
CFRIEX125(1.5)	09/17/98	Benzo(a)anthracene	0.086	0.5	U	
CFRIEX125(1.5)	09/17/98	Benzo(a)pyrene	0.022	0.2	U	
CFRIEX125(1.5)	09/17/98	Benzo(b)fluoranthene	0.0086	0.5	U	
CFRIEX125(1.5)	09/17/98	Benzo(k)fluoranthene	0.0086	0.5	U	
CFRIEX125(1.5)	09/17/98	Chrysene	0.043	5	U	
CFRIEX125(1.5)	09/17/98	Indeno(1,2,3-cd)pyrene	0.022	0.5	U	
CFRIEX125(1.5)	09/17/98	Lead	11	477	U	
CFRIEX130(3.5)	09/21/98	Benzo(a)anthracene	0.084	0.5	U	
CFRIEX130(3.5)	09/21/98	Benzo(a)pyrene	0.021	0.2	U	
CFRIEX130(3.5)	09/21/98	Benzo(b)fluoranthene	0.0084	0.5	U	
CFRIEX130(3.5)	09/21/98	Benzo(k)fluoranthene	0.0084	0.5	U	
CFRIEX130(3.5)	09/21/98	Chrysene	0.042	5	U	
CFRIEX130(3.5)	09/21/98	Indeno(1,2,3-cd)pyrene	0.021	0.5	U	
CFRIEX130(3.5)	09/21/98	Lead	17	477		
CFRIEX147(3.5)	09/24/98	Benzo(a)anthracene	0.42	0.5	U	
CFRIEX147(3.5)	09/24/98	Benzo(a)pyrene	0.054	0.2	J	
CFRIEX147(3.5)	09/24/98	Benzo(b)fluoranthene	0.035	0.5	J	
CFRIEX147(3.5)	09/24/98	Benzo(k)fluoranthene	0.042	0.5	U	
CFRIEX147(3.5)	09/24/98	Chrysene	0.21	5	U	
CFRIEX147(3.5)	09/24/98	Indeno(1,2,3-cd)pyrene	0.1	0.5	U	
CFRIEX147(3.5)	09/24/98	Lead	250	477		
CFRIEX148(3.0)	10/07/98	Benzo(a)anthracene	0.42	0.5	U	
CFRIEX148(3.0)	10/07/98	Benzo(a)pyrene	0.1	0.2	J+	
CFRIEX148(3.0)	10/07/98	Benzo(b)fluoranthene	0.079	0.5		
CFRIEX148(3.0)	10/07/98	Benzo(k)fluoranthene	0.029	0.5	J	
CFRIEX148(3.0)	10/07/98	Chrysene	0.21	5	U	
CFRIEX148(3.0)	10/07/98	Indeno(1,2,3-cd)pyrene	0.081	0.5	J	
CFRIEX148(3.0)	10/07/98	Lead	91	477		
CFRIEX152(2.0)15	12/14/98	Benzo(a)anthracene	0.0032	0.5		
CFRIEX152(2.0)15	12/14/98	Benzo(a)pyrene	0.0033	0.2		
CFRIEX152(2.0)15	12/14/98	Benzo(b)fluoranthene	0.0024	0.5		
CFRIEX152(2.0)15	12/14/98	Benzo(k)fluoranthene	0.0011	0.5	J	
CFRIEX152(2.0)15	12/14/98	Chrysene	0.003	5		
CFRIEX152(2.0)15	12/14/98	Indeno(1,2,3-cd)pyrene	0.0025	0.5		
CFRIEX152(2.0)15	12/14/98	Lead	5.9	477	J	
CFRIEX152(2.0)15DUP	12/14/98	Benzo(a)anthracene	0.003	0.5		CFRIDUP121498A
CFRIEX152(2.0)15DUP	12/14/98	Benzo(a)pyrene	0.0038	0.2		

Footnotes at end of table.
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Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 24 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX152(2.0)15DUP	12/14/98	Benzo(b)fluoranthene	0.0028	0.5		
CFRIEX152(2.0)15DUP	12/14/98	Benzo(k)fluoranthene	0.0014	0.5	J	
CFRIEX152(2.0)15DUP	12/14/98	Chrysene	0.0028	5		
CFRIEX152(2.0)15DUP	12/14/98	Indeno(1,2,3-cd)pyrene	0.003	0.5		
CFRIEX152(2.0)15DUP	12/14/98	Lead	10	477	U	
CFRIEX162(3.0)	10/14/98	Benzo(a)anthracene	0.42	0.5	U	visible skeet in area
CFRIEX162(3.0)	10/14/98	Benzo(a)pyrene	0.095	0.2	J	
CFRIEX162(3.0)	10/14/98	Benzo(b)fluoranthene	0.077	0.5		
CFRIEX162(3.0)	10/14/98	Benzo(k)fluoranthene	0.031	0.5	J	
CFRIEX162(3.0)	10/14/98	Chrysene	0.21	5	U	
CFRIEX162(3.0)	10/14/98	Indeno(1,2,3-cd)pyrene	0.07	0.5	J	
CFRIEX162(3.0)	10/14/98	Lead	12	477		
CFRIEX163(3.0)	10/14/98	Benzo(a)anthracene	0.42	0.5	U	visible skeet in area
CFRIEX163(3.0)	10/14/98	Benzo(a)pyrene	0.1	0.2	U	
CFRIEX163(3.0)	10/14/98	Benzo(b)fluoranthene	0.042	0.5	U	
CFRIEX163(3.0)	10/14/98	Benzo(k)fluoranthene	0.042	0.5	U	
CFRIEX163(3.0)	10/14/98	Chrysene	0.21	5	U	
CFRIEX163(3.0)	10/14/98	Indeno(1,2,3-cd)pyrene	0.1	0.5	U	
CFRIEX163(3.0)	10/14/98	Lead	34	477		
CFRIEX164(3.0)A ^g	12/14/98	Benzo(a)anthracene	0.04	0.5		
CFRIEX164(3.0)A	12/14/98	Benzo(a)pyrene	0.022	0.2	J	
CFRIEX164(3.0)A	12/14/98	Benzo(b)fluoranthene	0.029	0.5		
CFRIEX164(3.0)A	12/14/98	Benzo(k)fluoranthene	0.012	0.5	J	
CFRIEX164(3.0)A	12/14/98	Chrysene	0.012	5	J	
CFRIEX164(3.0)A	12/14/98	Indeno(1,2,3-cd)pyrene	0.023	0.5	U	
CFRIEX164(3.0)A	12/14/98	Lead	40	477		
CFRIEX165(3.0)A	12/14/98	Benzo(a)anthracene	0.014	0.5		visible skeet in area
CFRIEX165(3.0)A	12/14/98	Benzo(a)pyrene	0.012	0.2		
CFRIEX165(3.0)A	12/14/98	Benzo(b)fluoranthene	0.017	0.5		
CFRIEX165(3.0)A	12/14/98	Benzo(k)fluoranthene	0.011	0.5	U	
CFRIEX165(3.0)A	12/14/98	Chrysene	0.015	5		
CFRIEX165(3.0)A	12/14/98	Indeno(1,2,3-cd)pyrene	0.011	0.5	U	
CFRIEX165(3.0)A	12/14/98	Lead	9.5	477	J	
CFRIEX175(6.0)	12/15/98	Benzo(a)anthracene	0.11	0.5		
CFRIEX175(6.0)	12/15/98	Benzo(a)pyrene	0.057	0.2		
CFRIEX175(6.0)	12/15/98	Benzo(b)fluoranthene	0.039	0.5		
CFRIEX175(6.0)	12/15/98	Benzo(k)fluoranthene	0.028	0.5		
CFRIEX175(6.0)	12/15/98	Chrysene	0.049	5		
CFRIEX175(6.0)	12/15/98	Indeno(1,2,3-cd)pyrene	0.022	0.5	U	
CFRIEX175(6.0)	12/15/98	Lead	64	477		
CFRIEX175(6.0)DUP	12/15/98	Benzo(a)anthracene	0.054	0.5		CFRIDUP121598A

Footnotes at end of table.
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Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 25 of 26)

Sample	Sample Date	Analyte	Result (mg/kg ^a)	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX175(6.0)DUP	12/15/98	Benzo(a)pyrene	0.042	0.2		
CFRIEX175(6.0)DUP	12/15/98	Benzo(b)fluoranthene	0.024	0.5		
CFRIEX175(6.0)DUP	12/15/98	Benzo(k)fluoranthene	0.018	0.5	J	
CFRIEX175(6.0)DUP	12/15/98	Chrysene	0.044	5		
CFRIEX175(6.0)DUP	12/15/98	Indeno(1,2,3-cd)pyrene	0.018	0.5	J	
CFRIEX175(6.0)DUP	12/15/98	Lead	68	477		
Excavation 6						
CFRIEX045(1.0)	07/17/98	Benzo(a)anthracene	0.0036	0.5		
CFRIEX045(1.0)	07/17/98	Benzo(a)pyrene	0.0063	0.2		
CFRIEX045(1.0)	07/17/98	Benzo(b)fluoranthene	0.0069	0.5	U	
CFRIEX045(1.0)	07/17/98	Benzo(k)fluoranthene	0.0034	0.5	U	
CFRIEX045(1.0)	07/17/98	Chrysene	0.0055	5		
CFRIEX045(1.0)	07/17/98	Indeno(1,2,3-cd)pyrene	0.0071	0.5		
CFRIEX045(1.0)	07/17/98	Lead	3.2	477		
CFRIEX046(1.0)	07/17/98	Benzo(a)anthracene	0.0034	0.5	U	
CFRIEX046(1.0)	07/17/98	Benzo(a)pyrene	0.0034	0.2	U	
CFRIEX046(1.0)	07/17/98	Benzo(b)fluoranthene	0.0069	0.5	U	
CFRIEX046(1.0)	07/17/98	Benzo(k)fluoranthene	0.0034	0.5	U	
CFRIEX046(1.0)	07/17/98	Chrysene	0.0034	5	U	
CFRIEX046(1.0)	07/17/98	Indeno(1,2,3-cd)pyrene	0.0034	0.5	U	
CFRIEX046(1.0)	07/17/98	Lead	4.7	477		
CFRIEX047(1.0)	07/17/98	Benzo(a)anthracene	0.0034	0.5	U	
CFRIEX047(1.0)	07/17/98	Benzo(a)pyrene	0.0034	0.2	U	
CFRIEX047(1.0)	07/17/98	Benzo(b)fluoranthene	0.007	0.5	U	
CFRIEX047(1.0)	07/17/98	Benzo(k)fluoranthene	0.0034	0.5	U	
CFRIEX047(1.0)	07/17/98	Chrysene	0.0034	5	U	
CFRIEX047(1.0)	07/17/98	Indeno(1,2,3-cd)pyrene	0.0034	0.5	U	
CFRIEX047(1.0)	07/17/98	Lead	3.8	477		
CFRIEX048(1.0)	07/17/98	Benzo(a)anthracene	0.0033	0.5	U	
CFRIEX048(1.0)	07/17/98	Benzo(a)pyrene	0.0033	0.2	U	
CFRIEX048(1.0)	07/17/98	Benzo(b)fluoranthene	0.0068	0.5	U	
CFRIEX048(1.0)	07/17/98	Benzo(k)fluoranthene	0.0033	0.5	U	
CFRIEX048(1.0)	07/17/98	Chrysene	0.0033	5	U	
CFRIEX048(1.0)	07/17/98	Indeno(1,2,3-cd)pyrene	0.0033	0.5	U	
CFRIEX048(1.0)	07/17/98	Lead	5	477		
CFRIEX049(3.0)	07/17/98	Benzo(a)anthracene	0.0035	0.5	U	
CFRIEX049(3.0)	07/17/98	Benzo(a)pyrene	0.0035	0.2	U	
CFRIEX049(3.0)	07/17/98	Benzo(b)fluoranthene	0.0071	0.5	U	
CFRIEX049(3.0)	07/17/98	Benzo(k)fluoranthene	0.0035	0.5	U	
CFRIEX049(3.0)	07/17/98	Chrysene	0.0035	5	U	

Table A - 2
Crissy Field Rifle Institute and Skeet Ranges
Verification Analytical Results for Soil
Crissy Field Soil Remediation Closure Report
Presidio of San Francisco
(Page 26 of 26)

Sample	Sample Date	Analyte	Result (mg/kg) ^a	Cleanup Level ^b (mg/kg)	Qualifier ^c	Comments
CFRIEX049(3.0)	07/17/98	Indeno(1,2,3-cd)pyrene	0.0035	0.5	U	
CFRIEX049(3.0)	07/17/98	Lead	5	477		

^a milligrams per kilogram

^b Soil cleanup levels established in the *Final Remedial Action Plan, Crissy Field Area* (Army, 1998)

^c Qualifiers

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately measure the analyte in the sample.

"-" - Analytical result biased low

"+" - Analytical result biased high

^d Depth of sample in feet below original ground surface is in parentheses

^e duplicate sample

^f Sample identification number as it appears on chain-of-custody forms

^g "A" or "B" at end of sample number denotes a resample

^h Sample included for information only; sample analytical results not validated, not needed to meet sampling frequency requirements

Checked by: UB 6-2-99
 Approved by: Cy Peralta 6/2/99

**Removal of Storm Drains from the Crissy Field Tidal Marsh,
Fill Site 7 Area, Presidio of San Francisco, California**

March, 2000

**The Presidio Trust
34 Graham Street, P.O. Box 29052
San Francisco, California 949129-0052
415-561-3000
fax 415-561-2132
presidiotrust@presidiotrust.gov**

Table 1
Summary of Crissy Field Storm Sewer Sediment Characterization Analyses

Analyte	Units	Sample C1	Sample C2	Sample D1	Sample E1	Sample E2	Sample F1	CCR Title 22 Limits ¹
TPH gasoline	mg/kg	ND	ND	ND	1.1	ND	ND	NA
TPH diesel	mg/kg	710	56	35	95	24	85	NA
TPH fuel oil	mg/kg	2800	340	150	410	110	490	NA
Benzene	ug/kg	<5	<5	<5	<5	<5	<5	NA
Toluene	ug/kg	<5	<5	<5	<5	<5	<5	NA
Ethylbenzene	ug/kg	<5	<5	<5	<5	<5	<5	NA
m, p-Xylenes	ug/kg	<5	<5	<5	<5	<5	<5	NA
o-Xylene	ug/kg	<5	<5	<5	<5	<5	<5	NA
Total Copper	mg/kg	73.9	34.2	14.7	40.8	8.39	18.4	2,500
Total Lead	mg/kg	451	82.1	43.9	127	32.9	15.8	1,000
WET Copper	ug/kg	175	115	67.3	143	113	225	25,000 ²
WET Lead (ug/l)	ug/kg	18,900	1460	3180	5260	3080	3630	5,000 ²

Notes

- 1) CCR Title 22, Division 4.5, Chapter 11, Article 3, Section 66261.24, Characteristic of Toxicity
- 2) CCR STLC concentrations converted to ug/l to facilitate comparison.
- 3) Samples exceeding relevant criteria shown in bold type.
- 4) Samples taken from storm sewers on June 29, 1999.

Table 2
Crissy Tidal Marsh Storm Sewers
Additional Characterization of Line D and F Samples

Analyte	Sample D1 ¹ mg/kg	Sample F1 ¹ mg/kg	SCR concentration ² mg/kg
TPH gasoline	ND	ND	1690
TPH diesel	35	85	1950
TPH fuel oil	150	490	2730

Risk-based cleanup levels (mg/kg)					
Total CAM-17 metals	Crissy Field Soil Cleanup Levels ³		Human health Soil ⁴		Ecological Soil ⁵
Antimony	ND	ND	5.0	70	5
Arsenic	ND	ND	5.0	5	117
Barium	11.8	33.8	500	12,000	500
Beryllium	0.213	0.23	0.33	0.33	NS ⁶
Cadmium	ND	ND	3.99	98	0.5
Chromium	29.1	37.7	94.0	170,000	94
Cobalt	4.45	87.9	47.5	10,000	47.5
Copper	17.5	20.5	52	NS ⁶	52
Lead	47.9	15.8	477	585	477
Molybdenum	ND	ND	NS ⁶	NS ⁶	NS ⁶
Nickel	24.7	154	263.0	3,500	263
Selenium	ND	ND	NS ⁶	NS ⁶	NS ⁶
Silver	ND	ND	2.0	870	2
Thallium	ND	ND	NS ⁶	NS ⁶	NS ⁶
Vanadium	21	24	69	1,600	76
Zinc	59.1	56	88	52,000	88.4
Mercury	0.141	0.065	2.79	15	2.79

Notes

- 1) Samples taken on June 29, 1999.
- 2) Cleanup levels taken from *Final Site Cleanup Requirements for Petroleum Impacted Soils, Order 96-70*, Table 5, Soil Cleanup Levels for Crissy Field. Concentrations shown are for soil located within 5 feet of groundwater.
- 3) Cleanup levels shown are the most stringent concentrations taken from recommended values for protection of human health or ecological receptors in soil. The cleanup levels that are protective of human health and ecological receptors are shown in the two columns to the right, and are taken from Table 3-1 of the *Crissy Field Comprehensive Remedial Action Plan Summary*, November, 1997, prepared by Erler & Kalinowski for the Golden Gate National Parks Association.
- 4) Recommended cleanup levels from Table 3-1 for protection of health of humans in contact with Crissy Field soil.
- 5) Recommended cleanup levels from Table 3-1 for protection of ecological receptors in contact with Crissy Field soil.
- 6) NS = No standard promulgated.

APPENDIX D

**BUILDING 900S AREA GROUNDWATER ANALYTICAL DATA AND
POTENTIOMETRIC SURFACE MAPS**

**FROM TREADWELL & ROLLO SEMI-ANNUAL REPORT,
DATED APRIL 2004**

(Tables A-1-2 and A-1-3 and Figures A-1-2 through A-1-7)

Table A-1-2
Results of VOC Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	1,1- Dichloro- ethane	1,1-Dichloro- ethene	1,2-DCE (cis & trans)	Cis-1,2- DCE	Trans-1,2- DCE	1,4- Dichloro- benzene	2-Butanone	Acetone	Benzene	Bromo- methane	Carbon Disulfide	Chloro- benzene	Chloro- methane	Dichloro- methane	Ethyl- benzene	MTBE	PCE	Styrene	Toluene	TCE	Vinyl Chloride	Total Xylenes	All Other VOCs	
	Analytical Method ¹	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
Cleanup Levels		--	--	--	140,000	140,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	81	525	--	--	
937GW06 (shallow)	12/05/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	08/18/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1 UJ	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	06/03/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	03/20/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	0.1 J	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	12/05/02	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	08/28/02	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	05/31/02	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	03/05/02	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1 UJ	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	11/27/01	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	09/06/01	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	05/16/01	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 10	< 10	< 0.5	< 1 UJ	< 0.5	< 0.5	< 1	< 5	< 0.5	< 0.5 UJ	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	06/20/00	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	01/10/00	< 0.5	< 0.5	NA	1	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	09/01/99	< 0.5	< 0.5	NA	1.8	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	06/01/99	< 0.5	< 0.5	NA	1.2	< 0.5	NA	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	03/15/99	< 0.5	< 0.5	NA	4 (J33)	0.56	< 0.5	NA	NA	0.3 (J28)	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	4.7 (J33)	< 0.5	ND
	12/14/98	< 0.5	< 0.5	NA	16	2.5	< 0.5	NA	NA	< 1.2 (U2)	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	14	< 0.5	ND
	09/03/98	< 0.5	< 0.5	NA	1.9 (J18)	0.55 (J18)	< 0.5	NA	NA	< 0.5 (U18)	< 0.5	< 5	< 0.5	< 0.5	0.72 (J18)	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5 (U18)	< 0.5 (U18)	< 0.5 (U18)	< 0.5	ND
	05/27/98	< 0.5	< 0.5	NA	1.5	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	02/24/98	< 0.5	< 0.5	NA	12	2.1	< 0.5	NA	NA	1.4	< 0.5	< 5	< 0.5	0.62	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	17	< 0.5	ND
	11/25/97	< 0.5	< 0.5	NA	2.3	0.64	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	08/26/97	< 0.5	< 0.5	NA	1.7	0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	06/04/97	< 0.5	< 0.5	NA	1	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	03/10/97	< 0.5	< 0.5	NA	0.65	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	11/11/96	< 0.5	< 0.5	NA	0.96	< 0.5	< 0.5	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	0.55	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	08/14/96	< 0.5	< 0.5	0.94	NA	NA	< 0.5	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	04/15/96	< 0.5	< 0.5	7.8	NA	NA	< 0.5	< 10	< 10	0.7	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	18	< 0.5	ND
	01/23/96	< 0.5	< 0.5	3.3	NA	NA	< 0.5	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	10/19/95	< 0.5 U	< 0.5	NA	7.3	7.7	NA	< 10	< 10	0.54	< 0.5 U	< 5	< 0.5 U	< 0.5	< 4.5 U	< 0.5 U	NA	< 0.5 U	< 0.5	< 0.5	< 0.5	< 0.5	2.5	< 0.5 U	ND
	07/19/95	< 0.5	< 0.5	4.4	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	<											

Table A-1-2
Results of VOC Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	1,1- Dichloro- ethane	1,1-Dichloro- ethene	1,2-DCE (cis & trans)	Cis-1,2- DCE	Trans-1,2- DCE	1,4- Dichloro- benzene	2-Butanone	Acetone	Benzene	Bromo- methane	Carbon Disulfide	Chloro- benzene	Chloro- methane	Dichloro- methane	Ethyl- benzene	MTBE	PCE	Styrene	Toluene	TCE	Vinyl Chloride	Total Xylenes	All Other VOCs	
	Analytical Method ¹	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M		
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
Cleanup Levels		--	--	--	140,000	140,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	81	525	--	--	
937GW07 (shallow)	12/07/98	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	09/02/98	< 0.5	< 0.5	NA	< 0.5 (U18)	< 0.5 (U18)	< 0.5	NA	NA	< 0.5 (U18)	< 0.5	< 5	< 0.5	< 0.5 (U18)	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5 (U18)	< 0.5 (U18)	< 0.5 (U18)	< 0.5	ND	
	05/19/98	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	02/25/98	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	12/01/97	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	08/27/97	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	06/16/97	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	03/18/97	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	11/18/96	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	08/21/96	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	04/17/96	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	01/25/96	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	10/24/95	< 0.5 U	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 0.5 U	< 5	< 0.5 U	< 0.5	< 4.5 U	< 0.5 U	NA	< 0.5 U	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5 U	ND	
	07/27/95	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	05/04/95	< 0.5	< 0.5	< 0.5	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	02/03/95	< 0.5	< 0.5	< 0.5	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	11/02/94	< 0.5	< 0.5	< 0.5	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	08/11/94	< 0.5	< 0.5	< 0.5	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	05/11/94	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	02/11/94	< 0.5	< 0.5	< 0.5	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	11/02/93	< 0.5	NA	NA	< 0.5	< 0.5	< 0.5	NA	< 10	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 5	< 0.5	NA	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	07/30/93	< 0.5	NA	NA	< 0.5	< 0.5	< 0.5	NA	< 5	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 5	< 0.5	NA	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	ND	
937GW12 (shallow)	12/03/03	< 0.5	< 0.5	NA	0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	08/18/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1 UJ	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	06/03/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1 J,U	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.7	< 0.5	ND	
	03/20/03	< 0.5	< 0.5	NA	< 0.5	0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.6	< 0.5	ND	
	12/05/02	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	08/28/02	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10 UJ	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1	< 0.5	ND
	05/31/02	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.		

Table A-1-2
Results of VOC Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	1,1- Dichloro- ethane	1,1-Dichloro- ethene	1,2-DCE (cis & trans)	Cis-1,2- DCE	Trans-1,2- DCE	1,4- Dichloro- benzene	2-Butanone	Acetone	Benzene	Bromo- methane	Carbon Disulfide	Chloro- benzene	Chloro- methane	Dichloro- methane	Ethyl- benzene	MTBE	PCE	Styrene	Toluene	TCE	Vinyl Chloride	Total Xylenes	All Other VOCs
	Analytical Method ¹	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Cleanup Levels		--	--	--	140,000	140,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	81	525	--	--
937GW12 (shallow)	01/26/96	< 0.5	< 0.5	1.2	NA	NA	< 0.5	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	0.65	< 0.5	ND

Table A-1-2
Results of VOC Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	1,1- Dichloro- ethane	1,1-Dichloro- ethene	1,2-DCE (cis & trans)	Cis-1,2- DCE	Trans-1,2- DCE	1,4- Dichloro- benzene	2-Butanone	Acetone	Benzene	Bromo- methane	Carbon Disulfide	Chloro- benzene	Chloro- methane	Dichloro- methane	Ethyl- benzene	MTBE	PCE	Styrene	Toluene	TCE	Vinyl Chloride	Total Xylenes	All Other VOCs	
	Analytical Method ¹	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M		
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
Cleanup Levels		--	--	--	140,000	140,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	81	525	--	--	
937GW32R (deep)	12/09/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1 UJ	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	08/18/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	0.1 J	< 1 UJ	< 0.5	< 0.5	< 1 UJ	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	06/03/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	03/20/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	0.2 J	< 1	< 0.5	< 0.5	< 1	< 4	0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.3	ND	
DUP0906011B	12/05/02	< 0.5	< 0.5	NA	0.7	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	08/29/02	< 0.5	< 0.5	NA	0.8	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1 UJ	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	06/04/02	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10 UJ	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1.0	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	03/05/02	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1 UJ	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	11/27/01	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	09/06/01	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	09/06/01	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	05/16/01	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	06/16/00	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	01/13/00	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	09/09/99	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	06/01/99	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	03/15/99	< 12	< 12	NA	< 12	< 12	< 12	NA	NA	< 12	< 12	< 120	< 12	< 12	< 110	< 12	NA	< 12	< 12	< 12	< 12	< 12	< 12	ND	
	12/14/98	< 12	< 12	NA	< 12	< 12	< 12	NA	NA	< 12	< 12	< 120	< 12	< 12	< 110	< 12	NA	< 12	< 12	< 12	< 12	< 12	< 12	ND	
	09/03/98	< 12	< 12	NA	< 12 (U18)	< 12 (U18)	< 12	NA	NA	< 12 (U18)	< 12	< 120	< 12	< 12	< 12 (U18)	< 110	< 12	NA	< 12	< 12	< 12 (U18)	< 12 (U18)	< 12 (U18)	< 12	ND
	05/27/98	< 12	< 12	NA	< 12	< 12	< 12	NA	NA	< 12	< 12	< 120	< 12	< 12	< 110	< 12	NA	< 12	< 12	< 12	< 12	< 12	< 12	ND	
	02/24/98	< 12	< 12	NA	< 12	< 12	< 12	NA	NA	< 12	< 12	< 120	< 12	< 12	< 110	< 12	NA	< 12	< 12	< 12	< 12	< 12	< 12	ND	
	11/25/97	< 12	< 12	NA	< 12	< 12	< 12	NA	NA	< 12	< 12	< 120	< 12	< 12	< 110	< 12	NA	< 12	< 12	< 12	< 12	< 12	< 12	ND	
	08/26/97	< 5	< 5	NA	< 5	< 5	< 5	NA	NA	< 5	< 5	< 50	< 5	< 5	< 45	< 5	NA	< 5	< 5	< 5	< 5	< 5	< 5	ND	
	06/04/97	< 2.5	< 2.5	NA	< 2.5	< 2.5	< 2.5	NA	NA	< 2.5	< 2.5	< 25	< 2.5	< 2.5	< 22	< 2.5	NA	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	ND
	03/04/97	< 12	< 12	NA	< 12	< 12	< 12	NA	NA	< 12	< 12	< 120	< 12	< 12	< 110	< 12	NA	< 12	< 12	< 12	< 12	< 12	< 12	ND	
	11/05/96	< 12	< 12	NA	< 12	< 12	< 12	< 250	< 250	< 12	< 12	< 120	< 12	< 12	< 110	< 12	NA	< 12	< 12	< 12	< 12	< 12	< 12	ND	
	08/09/96	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	04/15/96	< 12	< 12	< 12	NA	NA	< 12	< 250	< 250	< 12	< 12	< 120	< 12	< 12	< 110	< 12	NA	< 12	< 12	< 12	< 12	< 12	< 12	ND	
	01/23/96	< 12	< 12	< 12	NA	NA	< 12	< 250	< 250	< 12	< 12	< 120	< 12	< 12	< 110	< 12	NA	< 12	< 12	< 12	< 12	< 12	< 12	ND	
	10/19/95	< 0.5 U	< 0.5	NA	2.9	< 0.5	NA	< 10	< 10	< 0.5	< 0.5 U	< 5	< 0.5 U	< 0.5	< 4.5 U	< 0.5 U	NA	< 0.5 U	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5 U	ND	

Table A-1-2
Results of VOC Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	1,1- Dichloro- ethane	1,1-Dichloro- ethene	1,2-DCE (cis & trans)	Cis-1,2- DCE	Trans-1,2- DCE	1,4- Dichloro- benzene	2-Butanone	Acetone	Benzene	Bromo- methane	Carbon Disulfide	Chloro- benzene	Chloro- methane	Dichloro- methane	Ethyl- benzene	MTBE	PCE	Styrene	Toluene	TCE	Vinyl Chloride	Total Xylenes	All Other VOCs	
	Analytical Method ¹	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M		
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
Cleanup Levels		--	--	--	140,000	140,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	81	525	--	--	
937GW35 (shallow)	05/16/01	< 0.5	< 0.5	NA	0.8	0.7	< 0.5	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	3.3	< 0.5	ND
	06/16/00	< 0.5	< 0.5	NA	0.78	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	0.59	7.1	< 0.5	ND	
	09/01/99	< 0.5	< 0.5	NA	1.4	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	0.54	3.6	< 0.5	ND	
	06/01/99	< 0.5	< 0.5	NA	0.91	< 0.5	NA	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	7.1	< 0.5	ND	
	03/09/99	< 0.5	< 0.5	NA	1	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	0.82	4.3	< 0.5	ND	
	12/02/98	< 0.5	< 0.5	NA	1.2	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	0.61	7.4	< 0.5	ND	
	09/03/98	< 0.5	< 0.5	NA	1.2	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	7.3	< 0.5	ND	
	05/18/98	< 0.5	< 0.5	NA	1.8	0.53	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	0.7	2.9	< 0.5	ND	
	02/11/98	< 0.5	< 0.5	NA	2	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	1.7	0.9	< 0.5	ND	
	11/17/97	< 0.5	< 0.5	NA	1.5	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	0.61	9.7	< 0.5	ND	
	08/18/97	< 0.5	< 0.5	NA	1.3	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.54 (U2)	9.7	< 0.5	ND	
	05/27/97	< 0.5	< 0.5	NA	1	0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	7.8	< 0.5	ND	
	03/03/97	< 0.5	< 0.5	NA	0.77	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	13	< 0.5	ND	
	11/04/96	< 0.5	< 0.5	NA	1.2	0.51	< 0.5	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	8	< 0.5	ND	
	08/08/96	< 0.5	< 0.5	0.96	NA	NA	< 0.5	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	1	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	14	< 0.5	ND	
	04/09/96	< 0.5	< 0.5	1.5	NA	NA	< 0.5	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	0.9	3.8	< 0.5	ND	
	01/17/96	< 0.5	< 0.5	2.4	NA	NA	< 0.5	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	1.9	4.5	< 0.5	ND	
	10/16/95	< 0.5 U	< 0.5	NA	1.8	0.63	NA	< 10	< 10	< 0.5	< 0.5 U	35	< 0.5 U	< 0.5	< 4.5 U	< 0.5 U	NA	< 0.5 U	< 0.5	< 0.5	0.79	6.3	< 0.5 U	ND	
	07/18/95	< 0.5	< 0.5	0.54	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	9.4	< 0.5	ND	
	04/25/95	< 0.5	< 0.5	2.2	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	0.54	4.7	< 0.5	ND	
	01/31/95	< 0.5	< 0.5	2.7	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	1.2	5.2	< 0.5	ND	
	10/25/94	< 0.5	< 0.5	9.1	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	9.7	< 0.5	ND	
	08/10/94	< 0.5	< 0.5	3.2	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	8.5	< 0.5	ND	
	05/05/94	< 0.5	< 0.5	1.5	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	11	< 0.5	ND	
	02/15/94	< 0.5	< 0.5	2.4	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	0.55	13	< 0.5	ND	
	11/12/93	< 0.5	NA	NA	1.4	0.52	< 0.5	NA	< 10	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 5	< 0.5	NA	< 0.5	NA	< 0.5	< 0.5	6.1	< 0.5	ND	
	08/09/93	< 0.5	NA	NA	2.1 (J5)	0.7 (J5)	< 0.5	NA	< 5	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 5	< 0.5	NA	< 0.5	NA	< 0.5	< 0.5	8.6 (J5)	< 0.5	ND	
937GW37 (shallow)	12/03/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	08/15/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1 UJ	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	06/03/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1 J,U	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		

Table A-1-2
Results of VOC Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2-DCE (cis & trans)	Cis-1,2-DCE	Trans-1,2-DCE	1,4-Dichloro-benzene	2-Butanone	Acetone	Benzene	Bromo-methane	Carbon Disulfide	Chloro-benzene	Chloro-methane	Dichloro-methane	Ethyl-benzene	MTBE	PCE	Styrene	Toluene	TCE	Vinyl Chloride	Total Xylenes	All Other VOCs
	Analytical Method ¹	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	SW8260B/SW8260M	
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Cleanup Levels		--	--	--	140,000	140,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	81	525	--	--
937GW37 (shallow)	01/31/96	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	10/30/95	< 0.5 U	< 0.5	NA	< 0.5	< 0.5																		

Table A-1-2
Results of VOC Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	1,1- Dichloro- ethane	1,1-Dichloro- ethene	1,2-DCE (cis & trans)	Cis-1,2- DCE	Trans-1,2- DCE	1,4- Dichloro- benzene	2-Butanone	Acetone	Benzene	Bromo- methane	Carbon Disulfide	Chloro- benzene	Chloro- methane	Dichloro- methane	Ethyl- benzene	MTBE	PCE	Styrene	Toluene	TCE	Vinyl Chloride	Total Xylenes	All Other VOCs	
	Analytical Method ¹	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M		
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
Cleanup Levels		--	--	--	140,000	140,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	81	525	--	--	
937GW39 (deep)	12/05/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	08/18/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1 UJ	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	06/03/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	03/20/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	12/05/02	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
DUP0518013BCL 937GW39CL	08/28/02	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	05/31/02	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	03/05/02	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1 UJ	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	11/27/01	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	09/07/01	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	05/18/01	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 10	< 10	< 0.5	< 1 UJ	< 0.5	< 0.5	< 1	< 5	< 0.5	< 0.5 UJ	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	05/18/01	< 0.5	< 1	NA	< 1	< 1	< 1	< 10	< 50	< 1	< 5	< 1	< 0.5	< 1	< 4	< 0.5	< 5	< 0.5	< 1	< 1	< 1	< 1	< 0.5	ND	
	05/18/01	< 0.5	< 1	NA	< 1	< 1	< 1	< 10	< 50	< 1	< 5	< 5	< 0.5	< 1	< 5	< 0.5	< 5	< 0.5	< 1	< 1	< 1	< 1	< 0.5	ND	
	06/16/00	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	01/13/00	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	09/02/99	< 0.5	< 0.5	NA	0.81	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	06/01/99	< 0.5	< 0.5	NA	1.4	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	03/09/99	< 0.5	< 0.5	NA	0.55	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	12/02/98	< 0.5	< 0.5	NA	1.1	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	08/31/98	< 0.5	< 0.5	NA	1.4	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	05/21/98	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	02/18/98	< 0.5	< 0.5	NA	0.85	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	12/03/97	< 0.5	< 0.5	NA	0.69	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	08/28/97	< 0.5	< 0.5	NA	1.2	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	06/16/97	< 0.5	< 0.5	NA	2.4	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	03/18/97	< 0.5	< 0.5	NA	3	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	11/18/96	< 0.5	< 0.5	NA	0.5	< 0.5	< 0.5	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	08/21/96	< 0.5	< 0.5	0.73	NA	NA	< 0.5	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	04/17/96	< 0.5	< 0.5	2.7	NA	NA	< 0.5	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	01/25/96	< 0.5	< 0.5	1.5	NA	NA	< 0.5	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	10/24/95	< 0.5 U	< 0.5	NA	1.3	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 0.5 U	< 5	< 0.5 U	< 0.5	< 4.5 U	< 0.5 U	NA	< 0.5 U	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5 U	ND
	07/31/95	< 0.5	< 0.5	2.6	NA	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	05/08/95	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	02/01/95	< 0.5	< 0.5	0.76	NA	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	10/26/94	< 0.5	< 0.5	1.2	NA	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	08/12/94	< 0.5	< 0.5	0.68	NA	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	05/11/94	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	02/16/94	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	< 10	< 10	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	11/15/93	< 0.5	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	NA	< 10	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 5	< 0.5	NA	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	ND
	08/10/93	< 0.5	NA	NA	NA	1.1 (J5)	< 0.5	< 0.5	NA	< 5	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 5	< 0.5	NA	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	ND
	937GW42 (intermediate)	12/09/03	< 0.5	< 0.5	NA	12	2.2	NA	< 10	< 10	0.4 J	< 1 UJ	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.5	< 0.5	ND
		08/20/03	< 0.5	< 0.5	NA	15	3.6	NA	< 10	< 10	2.9	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	3.7	< 0.5	ND
		06/09/03	< 0.5	< 0.5	NA	5.5	3	NA	< 10	< 10	7.9	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.3	0.8	ND
		03/20/03	< 0.5	< 0.5	NA	20	3.4	NA	< 10	< 10	6.2	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	4.6	< 0.5	ND
		12/05/02	< 0.5	< 0.5	NA	9	2.8	NA	< 10 UJ	< 10 UJ	0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.4	< 0.5	ND
DUP0604021B 937GW42CL	08/29/02	< 0.5	< 0.5	NA	11	3.2	NA	< 10	< 10	1.1	< 1	< 0.5	< 0.5	< 1 UJ	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	3.1	< 0.5	

Table A-1-2
Results of VOC Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	1,1- Dichloro- ethane	1,1-Dichloro- ethene	1,2-DCE (cis & trans)	Cis-1,2- DCE	Trans-1,2- DCE	1,4- Dichloro- benzene	2-Butanone	Acetone	Benzene	Bromo- methane	Carbon Disulfide	Chloro- benzene	Chloro- methane	Dichloro- methane	Ethyl- benzene	MTBE	PCE	Styrene	Toluene	TCE	Vinyl Chloride	Total Xylenes	All Other VOCs
	Analytical Method ¹	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Cleanup Levels		--	--	--	140,000	140,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	81	525	--	--
937GW42 (intermediate) DUP0906011C	09/06/01	< 0.7	< 0.7	NA	< 0.7	< 0.7	NA	15	160	< 0.7	< 1.4	8.4	< 0.7	< 1.4	< 5.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	ND
	09/06/01	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	15	170	< 0.5	< 1	4	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.6	ND
	05/16/01	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 10	78	< 0.5	< 1	1.6	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	06/16/00	< 0.5	< 0.5	NA	0.64 (J5)	< 0.5	< 0.5	NA	NA	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 4.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.77	ND
	01/10/00	< 0.5	< 0.5	NA	8	1.3	< 0.5	NA	NA	0.19	< 0.5	< 5	< 0.5	< 0.5	< 4.5									

Table A-1-2
Results of VOC Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	1,1- Dichloro- ethane	1,1-Dichloro- ethene	1,2-DCE (cis & trans)	Cis-1,2- DCE	Trans-1,2- DCE	1,4- Dichloro- benzene	2-Butanone	Acetone	Benzene	Bromo- methane	Carbon Disulfide	Chloro- benzene	Chloro- methane	Dichloro- methane	Ethyl- benzene	MTBE	PCE	Styrene	Toluene	TCE	Vinyl Chloride	Total Xylenes	All Other VOCs
	Analytical Method ¹	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Cleanup Levels		--	--	--	140,000	140,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	81	525	--	--
937GW103 (deep)	05/30/02	< 0.5	< 0.5	NA	3.7	4.8	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	03/08/02	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	11/27/01	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	<															

Table A-1-2
Results of VOC Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	1,1- Dichloro- ethane	1,1-Dichloro- ethene	1,2-DCE (cis & trans)	Cis-1,2- DCE	Trans-1,2- DCE	1,4- Dichloro- benzene	2-Butanone	Acetone	Benzene	Bromo- methane	Carbon Disulfide	Chloro- benzene	Chloro- methane	Dichloro- methane	Ethyl- benzene	MTBE	PCE	Styrene	Toluene	TCE	Vinyl Chloride	Total Xylenes	All Other VOCs	
	Analytical Method ¹	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M		
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
Cleanup Levels		--	--	--	140,000	140,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	81	525	--	--	
937GW108 (shallow) DUP1203033B 937GW108CL	12/03/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	48	< 1	< 0.5	19	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	0.8	< 0.5	< 0.5	< 0.5	ND	
	12/03/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	46	< 1	< 0.5	17	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	0.8	< 0.5	< 0.5	< 0.5	ND	
	12/03/03	< 1	< 1	< 1	NA	NA	1.8	< 10	< 20 R	34	< 2	< 10	15	< 1	1.9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	ND	
	08/15/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	24	< 1 UJ	< 0.5	45 J-	< 1 UJ	< 4	< 0.5	< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5	1.9	ND	
	06/03/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	46	< 1	< 0.5	53	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	1.3	< 0.5	< 0.5	1.6	ND	
	03/19/03	0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	54	< 1	2.8	29	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5	ND	
	03/19/03	0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	61	< 1	2.8	32	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	0.6	ND	
	12/10/02	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	15	< 1	2.5	3.1	< 1	< 4	< 0.5	< 0.5 UJ	< 0.5	< 0.5	3.3	< 0.5	< 0.5	0.7	ND	
	DUP1210022A	12/10/02	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	15	< 1	1.4	4.3	< 1	< 4	< 0.5	< 0.5 UJ	< 0.5	< 0.5	2.9	< 0.5	< 0.5	1.2	ND
	937GW108CL	12/10/02	< 0.5	< 0.5	< 0.5	< 0.5	0.92	< 5	< 10	17	< 1	< 5	3.5	< 0.5	< 0.5	0.57	< 0.5	< 0.5	< 0.5	4	< 0.5	< 0.5	1.69	ND	
950GW108 (intermediate) DUP0318031B 950GW108CL	09/05/02	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	54 J-	7.7	< 1	< 0.5	5	< 1	< 4	0.7	< 0.5	< 0.5	< 0.5	6	< 0.5	< 0.5	2.5	ND	
	06/04/02	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10 UJ	< 10 UJ	30	< 1	< 0.5	39	< 1	< 4	0.9	< 0.5	< 0.5	< 0.5	1	< 0.5	< 0.5	4.2	ND	
	12/04/03	< 0.8	1.9	NA	270	100	NA	< 17	< 17	0.6 J	< 1.7	< 0.8	< 0.8	< 1.7	< 6.7	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	18	< 0.8	ND	
	08/12/03	< 0.6	< 0.6	NA	240	78	NA	< 13	< 13	0.5 J	< 1.3	< 0.6	< 0.6	< 1.3	< 5	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	12	< 0.6	ND	
	06/06/03	< 0.5	< 0.5	NA	170	55	NA	< 10	< 10	0.2 J	< 1 UJ	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	11	< 0.5	ND	
	03/18/03	< 0.5	< 0.5	NA	170	52	NA	< 10	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	13	< 0.5	ND	
	03/18/03	< 0.5	< 0.5	NA	170	52	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	13	< 0.5	ND	
	950GW108CL	03/18/03	< 5	< 5	160	NA	NA	< 50 UJ	< 100 UJ	< 5	< 10	< 50 UJ	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 0.5	6.7	< 5	ND	
	12/11/02	< 1	< 1	NA	260	74	NA	< 20	< 20	< 1	< 2	< 1	< 1	< 2	< 8	< 1	< 1 UJ	< 1	< 1	< 1	< 1	7.8	< 1	ND	
	08/29/02	< 1	< 1	NA	250	65	NA	< 20	< 20	< 1	< 2	< 1	< 1	< 2	< 8	< 1	< 1	< 1	< 1	< 1	< 1	7.6	< 1	ND	
DUP0829022A 950GW108CL	08/29/02	< 0.5	< 0.5	NA	240	70	NA	< 10	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	9.1	< 0.5	ND	
	08/29/02	16	< 0.5	NA	190	57	NA	22 J	< 50	0.23 J	< 1	< 5	< 0.5	< 1 UJ	< 5 J,U	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	7.8	< 1	ND	
	06/04/02	< 1	< 1	NA	280	66	NA	< 20	< 20 UJ	< 1	< 2	< 1	< 1	< 2	< 8	< 1	< 1	3.4	< 1	< 1	< 1	7.2	< 1	ND	
	DUP0604021A	06/04/02	< 0.7	< 0.7	NA	280	61	NA	< 14 UJ	< 14 UJ	< 0.7	< 1.4	< 0.7	< 0.7	< 1.4	< 5.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	6.7	< 0.7	ND	
	950GW108CL	06/04/02	9.3	< 2.5	NA	200	44	NA	< 250	< 250 UJ	< 2.5	< 5	< 25	< 2.5	< 5	3.4 J	< 2.5	< 25 UJ	< 2.5	< 2.5	< 2.5	< 2.5	< 5	ND	
	03/14/02	< 0.5	< 0.5	NA	180	45	NA	< 10	< 10 UJ	0.2 J	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	8.5	< 0.5	ND	
	DUP0314022A	03/14/02	< 1	< 1	NA	200	30	NA	< 20	< 10 UJ	< 1	< 2	< 1	< 1	< 2	< 8	< 1	< 1	< 1	< 1	< 1	3.5	< 1	ND	
	950GW108CL	03/14/02	< 2	< 2	NA	200	36	< 2	< 200 R	< 200	< 2	< 4	< 20	< 2	< 4	< 20 UJ	< 2	< 20	< 2	< 2	< 2	6.1	< 4	ND	
		11/30/01	< 0.7	< 0.7	NA	280	16	NA	< 14	< 14 UJ	0.2 J	< 1.4	< 0.7	< 0.7	< 1.4	< 5.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	2.2	15	< 0.7	ND
	DUP1130011A	11/30/01	< 0.7	< 0.7	NA	260	15	NA	< 14	< 14 UJ	< 7	< 1.4	< 0.7	< 0.7	< 1.4	< 5.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	0.9	14	< 0.7	

Table A-1-2
Results of VOC Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	1,1- Dichloro- ethane	1,1-Dichloro- ethene	1,2-DCE (cis & trans)	Cis-1,2- DCE	Trans-1,2- DCE	1,4- Dichloro- benzene	2-Butanone	Acetone	Benzene	Bromo- methane	Carbon Disulfide	Chloro- benzene	Chloro- methane	Dichloro- methane	Ethyl- benzene	MTBE	PCE	Styrene	Toluene	TCE	Vinyl Chloride	Total Xylenes	All Other VOCs	
	Analytical Method ¹	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
Cleanup Levels		--	--	--	140,000	140,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	81	525	--	--	
979GW110 (intermediate)	03/14/02	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	11/28/01	< 0.5	< 0.5	NA	5.7	< 0.5	NA	< 10	< 10 UJ	0.7	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.7	< 0.5	< 0.5	0.6	ND
	09/07/01	< 0.5	< 0.5	NA	3.6	0.6	NA	< 10 UJ	< 10	< 0.5	< 1	0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
979GW111R (intermediate)	12/09/03	< 0.5	< 0.5	NA	14	5.4	NA	< 10	< 10	< 0.5	< 1 UJ	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	34	1.1	< 0.5	ND
	08/12/03	< 0.5	< 0.5	NA	7.9	5.2	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	41	0.5	< 0.5	ND
	06/03/03	< 0.5	< 0.5	NA	4.2	6.8	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	64	< 0.5	< 0.5	ND
	03/11/03	< 0.5	< 0.5	NA	6.7	5.7	NA	< 10	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	65	0.7	< 0.5	ND
	12/10/02	< 0.5	< 0.5	NA	9.5	4.5	NA	< 10 UJ	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	25	< 0.5	< 0.5	ND
	08/30/02	< 0.5	< 0.5	NA	11	5.9	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	36	0.8	< 0.5	ND
	06/05/02	< 0.5	< 0.5	NA	11	6.0	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	49	1.1	< 0.5	ND
979GW112 (shallow)	12/09/03	< 0.5	< 0.5	NA	23	6.1	NA	< 10	< 10	< 0.5	< 1 UJ	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	29	2.3	< 0.5	ND
	08/15/03	< 0.5	< 0.5	NA	16	4.8	NA	< 10	< 10	< 0.5	< 1 UJ	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	29	1.1	< 0.5	ND
DUP0815031B 979GW112CL	08/15/03	< 0.5	< 0.5	NA	15	5.2	NA	< 10	< 10	< 0.5	< 1 UJ	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	33	1.1	< 0.5	ND
	08/15/03	< 0.5	< 0.5	24	NA	NA	< 0.5	< 5	< 10	< 0.5	< 1	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	41	1.3	< 0.5	ND
DUP1210021A 979GW112CL	06/03/03	< 0.5	< 0.5	NA	14	5.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	39	1	< 0.5	ND
	03/18/03	< 0.5	< 0.5	NA	9.4	3.9	NA	< 10	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	34	1.4	< 0.5	ND
	12/10/02	< 0.5	< 0.5	NA	16	6.1	NA	< 10 UJ	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	27	0.5	< 0.5	ND
	12/10/02	< 0.5	< 0.5	NA	19	7	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5 UJ	< 0.5	< 0.5	< 0.5	< 0.5	28	1	< 0.5	ND
	12/10/02	< 0.5	< 0.5	26 J+	NA	NA	< 0.5	< 5	< 10	< 0.5	< 1	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	28	1.5 J+	< 0.5	ND
	08/30/02	< 0.5	< 0.5	NA	15	6.9	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	33	1.4	< 0.5	ND
	06/05/02	< 0.5	< 0.5	NA	20	4.4	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	29	2.1	< 0.5	ND
	03/14/02	< 0.5	< 0.5	NA	26	7.1	NA	< 10	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	42	3.7	< 0.5	ND
	12/03/01	< 0.5	< 0.5	NA	4	0.9	NA	< 10 UJ	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	7.1	4.8	< 0.5	ND
08/31/01	< 0.5	< 0.5	NA	4.8	1.1	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	8.7	5.5	< 0.5	ND	
979GW113 (shallow)	12/04/03	< 0.5	< 0.5	NA	0.7	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1	< 0.5	< 0.5	ND
	08/12/03	< 0.5	< 0.5	NA	1.7	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.2	< 0.5	< 0.5	ND
	06/05/03	< 0.5	< 0.5	NA	1.6	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.5	< 0.5	< 0.5	ND
	03/19/03	< 0.5	< 0.5	NA	<0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<0.5	<0.5	< 0.5	ND
	12/10/02	< 0																							

Table A-1-2
Results of VOC Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	1,1- Dichloro- ethane	1,1-Dichloro- ethene	1,2-DCE (cis & trans)	Cis-1,2- DCE	Trans-1,2- DCE	1,4- Dichloro- benzene	2-Butanone	Acetone	Benzene	Bromo- methane	Carbon Disulfide	Chloro- benzene	Chloro- methane	Dichloro- methane	Ethyl- benzene	MTBE	PCE	Styrene	Toluene	TCE	Vinyl Chloride	Total Xylenes	All Other VOCs	
	Analytical Method ¹	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M	SW8260B/ SW8260M		
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
Cleanup Levels		--	--	--	140,000	140,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	81	525	--	--	
979GW115 (shallow) DUP0605021B 979GW115CL	06/05/02	< 0.5	< 0.5	NA	6.3	0.8	NA	< 10 UJ	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.1	2.6	< 0.5	ND
	06/05/02	< 0.5	< 0.5	NA	6.5	0.8	NA	< 10 UJ	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1	2.8	< 0.5	ND
	06/05/02	< 0.5	< 0.5	NA	3.2	< 0.5	NA	< 50	< 50 UJ	< 0.5	< 1	< 5	< 0.5	< 1	< 4	< 0.5	< 5 UJ	< 0.5	< 0.5	< 0.5	< 0.5	0.26 J	< 0.5	< 0.5	ND
	03/13/02	< 0.5	< 0.5	NA	10	1.3	NA	< 10	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.4	4	< 0.5	ND
	11/29/01	< 0.5	< 0.5	NA	3.3	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	4.6	0.6	< 0.5	ND
	08/29/01	< 0.5	< 0.5	NA	3.4	0.6	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	4.3	< 0.5	< 0.5	ND
979GW116 (intermediate)	12/09/03	< 0.5	< 0.5	NA	45	1.8	NA	< 10	< 10	< 0.5	< 1 UJ	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	08/18/03	< 0.5	< 0.5	NA	54	1.9	NA	< 10	< 10	< 0.5	< 1 UJ	< 0.5	< 0.5	< 1 UJ	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	06/04/03	< 0.5	< 0.5	NA	68	2.1	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.3	0.8	< 0.5	ND
DUP0604031A	06/04/03	< 0.5	< 0.5	NA	82	2.6	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.6	1	< 0.5	ND
	03/19/03	< 0.5	0.6	NA	78	2.1	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.7	< 0.5	< 0.5	ND
DUP0319031A	03/19/03	< 0.5	0.6	NA	81	2.1	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.9	< 0.5	< 0.5	ND
	12/10/02	< 0.5	< 0.5	NA	35	1.2	NA	< 10 UJ	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
DUP0905022C 979GW116CL	09/05/02	< 0.5	< 0.5	NA	57	1.7	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.7	< 0.5	ND
	09/05/02	< 0.5	< 0.5	NA	57	1.7	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.6	< 0.5	ND
	09/05/02	< 0.5	< 0.5	NA	51	1.5	NA	< 50 R	< 50	< 0.5	< 1	< 5	< 0.5	< 1	< 5	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	0.39 J	0.64	< 1	ND
	06/06/02	< 0.5	< 0.5	NA	89	2	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1	1.1	< 0.5	ND
DUP0314021A 979GW116CL	03/14/02	< 0.5	< 0.5	NA	120	2.4	NA	< 10	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.6	1.4	< 0.5	ND
	03/14/02	< 0.5	< 0.5	NA	120	2.3	NA	< 10	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.5	< 0.5	ND
	03/14/02	< 0.5	< 0.5	NA	78	< 0.5	< 0.5	< 50 R	< 50	< 0.5	< 1	< 5	< 0.5	< 1	< 5 UJ	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.5	< 1	ND
DUP1129011A 979GW116CL	11/29/01	< 0.5	< 0.5	NA	34	1.7	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	5.1	< 0.5	ND
	11/29/01	< 0.5	< 0.5	NA	34	1.6	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	4.7	< 0.5	ND
	11/29/01	< 0.5	< 0.5	NA	32	2.1	< 0.5	< 50	< 10	< 0.5	< 1	< 5	< 0.5	< 1	< 4	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	5.6	< 0.5	ND
	08/29/01	< 0.5	< 0.5	NA	29	1.8	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
979GW117 (deep)	12/08/03	< 0.5	< 0.5	NA	< 0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1 UJ	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	08/12/03	< 0.5	< 0.5	NA	1.6	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	06/03/03	< 0.5	< 0.5	NA	0.5	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	03/18/03	< 0.5	< 0.5	NA	2.6	< 0.5	NA	< 10	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	12/10/02	< 0.5	< 0.5	NA	0.7	< 0.5	NA	< 10 UJ	< 10 UJ	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	08/30/02	< 0.5	< 0.5	NA	0.8	< 0.5	NA	< 10	< 10	< 0.5	< 1	< 0.5	< 0.5	< 1	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
	05/31/02	< 0.5	< 0.5	NA	< 0.5	< 0.5																			

Notes
1 - The identified analytical method(s) are for analyses performed beginning in the Second Quarter 2001. The analytical methods used during previous quarters are identified in their respective quarterly reports.
µg/L - micrograms per liter
ND - Not Detected
NS - Not sampled
NA - Not analyzed
1,2-DCE - 1,2-Dichloroethene
Cis-1,2-DCE - cis-1,2-Dichloroethene
Trans-1,2-DCE - trans-1,2-Dichloroethene
MTBE - Methyl tert-butyl ether
TCE - Trichloroethene
PCE - Tetrachloroethene
VOC - Volatile organic compound
"CL" suffix denotes a quality control duplicate sample was sent to the control laboratory.
Table 7 in the main report identifies all duplicate and split samples and associates them with the well from which they were collected.
Table 11 in the main report identifies current and historic data qualifiers.
-- - Clean up concentrations not established.

Table A-1-3
Results of TPH Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	TPH as Gasoline (Carbon Range C ₇ -C ₁₂)	TPH as Diesel (Carbon Range C ₁₂ -C ₂₄)	TPH as Fuel Oil (Carbon Range C ₂₄ -C ₃₆)
	Analytical Method ¹	SW8015B/ SW8015M	SW8015B/ SW8015M	SW8015B/ SW8015M
		(µg/L)	(µg/L)	(µg/L)
937GW06 (shallow)	12/05/03	< 50	< 50	< 300
	08/18/03	< 50	< 50	< 300
	06/03/03	< 50	< 50	< 300
	03/20/03	< 50	< 50	< 300
	12/05/02	< 50	< 50	< 300
	08/28/02	< 50	< 50	< 300
	05/31/02	< 50	< 50	< 300
	03/05/02	< 50	< 50	< 300
	11/27/01	< 50	< 50	< 300
	09/06/01	< 50	< 50 ²	< 300 ²
	05/16/01	< 50	< 50	< 300
	06/20/00	< 50 (U20)	< 50 (U12, U20, U21)	< 300 (U21)
	01/10/00	< 50	< 50 (U12)	< 300
	09/01/99	< 50	< 50	< 300
	06/01/99	< 50	< 50	< 300
	03/15/99	< 50	< 50	< 300
	12/14/98	< 50	< 50	< 300
	09/03/98	< 50 (U18)	< 50	< 300
	05/27/98	< 50	< 50	< 300
	02/24/98	< 50	< 50	< 300
	11/25/97	< 50	< 50	< 300
	08/26/97	< 50	< 50	< 300
	06/04/97	< 50	< 50	< 300
	03/10/97	< 50 (U29)	< 50 (U29)	< 300 (U29)
	11/11/96	< 50	< 50	< 300
	08/14/96	< 50	61 (J25)	< 300
	04/15/96	< 50	< 50	< 300
	01/23/96	< 50	< 50	350 (J25, J32)
	10/19/95	< 50	< 50	< 300
	07/19/95	< 50	< 50	< 300
	04/26/95	< 50	89 (J25)	NA
	02/03/95	< 50	< 50	NA
	11/07/94	< 50	< 50	NA
	07/28/94	< 50	310 (J25)	NA
	04/28/94	< 50	< 50	NA
	02/11/94	< 50	< 50	NA
	11/01/93	< 50	< 50	NA
	08/02/93	< 50	< 50	NA

Table A-1-3
Results of TPH Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	TPH as Gasoline (Carbon Range C ₇ -C ₁₂)	TPH as Diesel (Carbon Range C ₁₂ -C ₂₄)	TPH as Fuel Oil (Carbon Range C ₂₄ -C ₃₆)
	Analytical Method ¹	SW8015B/ SW8015M	SW8015B/ SW8015M	SW8015B/ SW8015M
		(µg/L)	(µg/L)	(µg/L)
937GW07 (shallow)	12/10/03	< 50	< 50	< 300
	08/18/03	< 50	< 50	< 300
	06/06/03	< 50	< 50	< 300
	03/20/03	< 50	< 50	< 300
	12/05/02	< 50	< 50	< 300
	09/06/02	< 50	< 50	< 300
	06/04/02	< 50	< 50	< 300
	03/06/02	< 50	< 50	< 300
	12/04/01	< 50	< 50	< 300
	09/07/01	< 50	< 50 ²	< 300 ²
	05/18/01	< 50	< 50	< 300
	06/20/00	< 50 (U20)	< 50 (U12, U20, U21)	< 300 (U12, U20, U21)
	01/20/00	< 50	< 50 (U6, U12)	< 300 (U6)
	12/07/98	< 50	< 50	< 300
	09/02/98	< 50 (U18)	< 50	< 300
	05/19/98	< 50	< 50	< 300
	02/25/98	< 50	< 50	< 300
	12/01/97	< 50	< 50	< 300
	08/27/97	< 50	< 50	< 300
	06/16/97	< 50	< 50	< 300
	03/18/97	< 50	< 50	< 300
	11/18/96	< 50	< 50	< 300
	08/21/96	< 50	< 50	< 300
	04/17/96	< 50	< 50	< 300
	01/25/96	93 (J25)	62 (J25)	< 3000 (U23)
	10/24/95	< 50	< 50	< 300
	07/27/95	< 50	< 50	< 300
	05/04/95	< 50	81 (J25)	NA
	02/03/95	< 50	130 (J25)	NA
	11/02/94	< 50	< 50	NA
	08/11/94	< 50	130 (J25)	NA
	05/11/94	< 50	< 50	NA
	02/11/94	< 50	88 (J25)	NA
	11/02/93	< 50	< 50	NA
	07/30/93	< 50	< 50	NA

Table A-1-3
Results of TPH Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	TPH as Gasoline (Carbon Range C ₇ -C ₁₂)	TPH as Diesel (Carbon Range C ₁₂ -C ₂₄)	TPH as Fuel Oil (Carbon Range C ₂₄ -C ₃₆)
	Analytical Method ¹	SW8015B/ SW8015M	SW8015B/ SW8015M	SW8015B/ SW8015M
		(µg/L)	(µg/L)	(µg/L)
937GW12 (shallow)	12/03/03	< 50	< 50	< 300
	08/18/03	< 50	< 50	< 300
	06/03/03	< 50	< 50	< 300
	03/20/03	< 50	< 50	< 300
	12/05/02	< 50	< 50	< 300
	08/28/02	< 50	< 50	< 300
	05/31/02	< 50	< 50	< 300
	03/05/02	< 50	< 50	< 300
	11/27/01	< 50	< 50	< 300
	09/06/01	< 50	110 ² YH,NJ	< 300 ² NJ
	05/15/01	< 50	< 50	< 300
	09/07/00	NA	< 50	< 300
	06/19/00	< 50	150 (J12, J21)	< 300 (U12, U21)
	01/11/00	< 50	< 50 (U12)	< 300
	09/01/99	< 50	< 50	< 300
	06/02/99	< 50	< 50	< 300
	03/10/99	< 50	< 50	< 300 (U12)
	12/07/98	< 50	< 50	< 300
	09/01/98	< 50 (U18)	< 50	< 300
	05/26/98	< 50	< 50	< 300
	02/25/98	< 50	< 50	< 300
	12/01/97	< 50	< 50	< 300
	08/27/97	< 50	< 50	< 300
	06/10/97	< 50	< 50	< 300
	03/13/97	< 50	< 50	< 300
	11/13/96	< 50	< 50	< 300
	08/16/96	< 50	250 (J25)	460 (J25)
	05/20/96	< 50	< 50	< 300
	01/26/96	< 50	< 50	< 3000 (U23)
	10/25/95	< 50	< 50	< 300
	07/26/95	< 50	< 50	< 300
	05/03/95	< 50	< 50	NA
	02/09/95	< 50	140 (J25)	NA
	11/01/94	< 50	71 (J25)	NA
	08/10/94	< 50	110 (J25)	NA
	05/10/94	< 50	62 (J25)	NA
	02/14/94	< 50	72 (J25)	NA
	11/02/93	< 50	< 50	NA
	08/02/93	< 50	< 50	NA

Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	TPH as Gasoline (Carbon Range C ₇ -C ₁₂)	TPH as Diesel (Carbon Range C ₁₂ -C ₂₄)	TPH as Fuel Oil (Carbon Range C ₂₄ -C ₃₆)
	Analytical Method ¹	SW8015B/ SW8015M	SW8015B/ SW8015M	SW8015B/ SW8015M
		(µg/L)	(µg/L)	(µg/L)
937GW15 (shallow)	12/10/03	< 50	< 50	< 300
	08/18/03	< 50	< 50	< 300
	06/06/03	< 50	< 50	< 300
	03/20/03	< 50	< 50	< 300
	12/05/02	< 50	< 50	< 300
DUP0907014A	09/06/02	< 50	< 50	< 300
	06/04/02	< 50	< 50	< 300
	03/06/02	< 50	< 50	< 300
	12/04/01	< 50	< 50	< 300
	09/07/01	< 50	< 50 ²	< 300 ²
	09/07/01	< 50	< 50 ²	< 300 ²
	05/17/01	< 50	< 50	< 300
	06/20/00	< 50 (U20)	< 50 (U12, U20, U21)	< 300 (U12, U20, U21)
	01/20/00	< 50	< 50 (U12)	< 300
	09/02/99	< 50	< 50	< 300
	06/02/99	< 50	< 50	< 300
	03/10/99	< 50	< 50	< 300
	12/07/98	< 50	< 50	< 300
	09/01/98	< 50	< 50	< 300
	05/19/98	< 50	< 50	< 300
	02/16/98	< 50	< 50	< 300
	11/20/97	< 50	230 (J25)	< 300
	08/21/97	< 50	150 (R32)	< 300
	06/02/97	< 50	< 50	< 300
	03/04/97	< 50 (U6)	< 50	< 300
	11/05/96	< 50	< 50	< 300
	08/09/96	< 50	< 50	< 300
	04/15/96	< 50	< 50	< 300
	01/23/96	< 50	< 50	< 300
	10/19/95	< 50	< 50	< 300
	07/21/95	< 50	< 50	< 300
	04/28/95	< 50	98 (J25)	NA
	02/01/95	< 50	52 (J25)	NA
	11/08/94	< 50	< 50	NA
	08/04/94	< 50	350 (J25)	NA
	05/03/94	< 50	< 50	NA
	02/18/94	< 50	< 50	NA
	11/03/93	< 50	55 (J25)	NA
	08/03/93	< 50	< 50	NA

Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	TPH as Gasoline (Carbon Range C ₇ -C ₁₂)	TPH as Diesel (Carbon Range C ₁₂ -C ₂₄)	TPH as Fuel Oil (Carbon Range C ₂₄ -C ₃₆)
	Analytical Method ¹	SW8015B/ SW8015M	SW8015B/ SW8015M	SW8015B/ SW8015M
		(µg/L)	(µg/L)	(µg/L)
937GW32R (deep)	12/09/03	< 50	< 50	< 300
	08/18/03	< 50	< 50	< 300
DUP0906011B	06/03/03	< 50	< 50	< 300
	03/20/03	< 50	< 50	< 300
	12/05/02	< 50	< 50	< 300
	08/29/02	< 50	< 50	< 300
	06/04/02	< 50	< 50	< 300
	03/05/02	< 50	< 50	< 300
	11/27/01	< 50	< 50	< 300
	09/06/01	< 50	< 50 ²	< 300 ²
	09/06/01	< 50	< 50 ²	< 300 ²
	05/16/01	< 50	< 50	< 300
	09/11/00	NA	270	< 300
	06/16/00	< 50	1,300 (J21)	< 1,500 (U21)
	01/13/00	< 50	1,700 (J21)	< 300
	09/09/99	< 50	< 50	< 300
	06/01/99	< 50	< 50	< 300
	03/15/99	< 500	< 50	< 300
	12/14/98	< 50	< 50	< 300
	09/03/98	< 50 (U18)	< 50	< 300
	05/27/98	< 50	< 50	< 300
	02/24/98	< 50	< 50	< 300
	11/25/97	< 50	< 50	< 300
	08/26/97	< 50	< 50	< 300
	06/04/97	< 50	< 50	< 300
	03/04/97	< 50 (U6)	< 50	< 300
	11/05/96	< 50	< 50	< 300
	08/09/96	< 50	< 50	< 300
	04/15/96	< 50	< 50	< 300
	01/23/96	< 50	< 50	< 300
	10/19/95	< 50	< 50	< 300
	07/20/95	< 50	< 50	< 300
	04/27/95	< 500	72 (J25, J6)	NA
	02/13/95	< 50	70 (J25)	NA
	11/01/94	< 50	160 (J25)	NA
	07/29/94	< 50	100 (J25)	NA
	05/06/94	< 50	< 50	NA
	02/10/94	< 50	< 50	NA
	11/10/93	< 50	< 50	NA
	08/06/93	< 50	< 50	NA

Table A-1-3
Results of TPH Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	TPH as Gasoline (Carbon Range C ₇ -C ₁₂)	TPH as Diesel (Carbon Range C ₁₂ -C ₂₄)	TPH as Fuel Oil (Carbon Range C ₂₄ -C ₃₆)
	Analytical Method ¹	SW8015B/ SW8015M	SW8015B/ SW8015M	SW8015B/ SW8015M
		(µg/L)	(µg/L)	(µg/L)
937GW35 (shallow)	12/09/03	< 50	< 50	< 300
	08/20/03	< 50	< 50	< 300
	06/03/03	< 50	< 50	< 300
DUP0829023A	03/20/03	< 50	< 50	< 300
	12/05/02	< 50	< 50	< 300
	08/29/02	< 50	< 50	< 300
	08/29/02	< 50	< 50	< 300
	06/04/02	< 50	< 50	< 300
	03/05/02	< 50	< 50	< 300
	11/27/01	< 50	< 50	< 300
DUP1127011A	11/27/01	< 50	< 50	< 300
	09/06/01	< 50	740 ² YH,NJ	520 ² YL,NJ
	05/16/01	< 50	< 50	< 300
	09/07/00	NA	< 50 (U5)	< 300
	06/16/00	< 50	54 (J21)	< 300
	09/01/99	< 50	< 50	< 300
	06/01/99	< 50	< 50	< 300
	03/09/99	< 50	< 50 (U6)	< 300
	12/02/98	< 50	< 50	< 300
	09/03/98	< 50	< 50	< 300
	05/18/98	< 50	< 50	< 300
	02/11/98	< 50	< 50	< 300
	11/17/97	< 50	< 50	< 300
	08/18/97	< 50	< 50	< 300
	05/27/97	< 50	< 50	< 300
	03/03/97	< 50 (U6)	< 50	< 300
	11/04/96	< 50	< 50	< 300
	08/08/96	< 50	< 50	< 300
	04/09/96	320 (J25)	< 50	< 300
	01/17/96	< 50	< 50	< 300
	10/16/95	< 50	< 50	< 300
	07/18/95	< 50	< 50	< 300
	04/25/95	< 50	< 50	NA
	01/31/95	< 50	< 50	NA
	10/25/94	< 50	< 50	NA
	08/10/94	< 50	< 50 (U9)	NA
	05/05/94	< 50	< 50	NA
	02/15/94	< 50	51 (J25)	NA
	11/12/93	< 50	< 50	NA
	08/09/93	< 50	< 50	NA

Table A-1-3
Results of TPH Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	TPH as Gasoline (Carbon Range C ₇ -C ₁₂)	TPH as Diesel (Carbon Range C ₁₂ -C ₂₄)	TPH as Fuel Oil (Carbon Range C ₂₄ -C ₃₆)
	Analytical Method ¹	SW8015B/ SW8015M	SW8015B/ SW8015M	SW8015B/ SW8015M
		(µg/L)	(µg/L)	(µg/L)
937GW37 (shallow)	12/03/03	< 50	< 50	< 300
	08/15/03	< 50	< 50	< 300
	06/03/03	< 50	< 50	< 300
	03/19/03	< 50	< 50	< 300
	12/05/02	< 50	< 50	< 300
	08/28/02	< 50	< 50	< 300
	05/31/02	< 50	< 50	< 300
	03/05/02	< 50	< 50	< 300
	11/27/01	< 50	< 50	< 300
	09/06/01	< 50	140 ² YH,NJ	< 300 ²
	05/15/01	< 50	< 50	< 300
	09/07/00	NA	< 50	< 300
	06/19/00	< 50	58 (U12, U21)	< 300 (U12, U21)
	01/13/00	< 50	< 50 (U6)	< 300 (U6)
	01/11/00	< 50	< 50	< 300
	09/02/99	< 50	< 50	715
	06/02/99	< 50	< 50	< 300
	03/10/99	< 50	< 50	< 300 (U12)
	12/07/98	< 50	< 50	< 300
	12/03/98	< 50	< 50	< 300
	09/02/98	< 50	< 50	< 300
	05/26/98	< 50	< 50	< 300
	02/26/98	< 50	< 50	< 300
	12/02/97	< 50	< 50	< 300
	08/28/97	< 50	< 50 (U29)	< 300
	06/11/97	< 50	< 50	< 300
	03/17/97	< 50	< 50	< 300
	11/15/96	< 50	< 50	< 300
	08/20/96	< 50	53 (J25)	< 300
	04/23/96	< 50	< 50	< 300
	01/31/96	< 50	< 50	420 (J25, J32)
	10/30/95	< 50	< 50	< 300
	07/26/95	< 50	< 50	< 300
	05/03/95	< 50	< 50	NA
	02/09/95	< 50	90 (J25)	NA
	10/27/94	< 50	83 (J25)	NA
	08/05/94	< 50	67 (J25)	NA
	05/09/94	< 50	< 50	NA
	02/17/94	< 50	54 (J25)	NA
	11/16/93	< 50	< 50	NA
	08/10/93	< 50	100 (J25)	NA

Table A-1-3
Results of TPH Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	TPH as Gasoline (Carbon Range C ₇ -C ₁₂)	TPH as Diesel (Carbon Range C ₁₂ -C ₂₄)	TPH as Fuel Oil (Carbon Range C ₂₄ -C ₃₆)
	Analytical Method ¹	SW8015B/ SW8015M	SW8015B/ SW8015M	SW8015B/ SW8015M
		(µg/L)	(µg/L)	(µg/L)
937GW38 (deep)	12/03/03	< 50	< 50	< 300
	08/18/03	< 50	< 50	< 300
	06/03/03	< 50	< 50	< 300
	03/19/03	< 50	< 50	< 300
	12/05/02	< 50	< 50	< 300
	08/28/02	< 50	< 50	< 300
	05/31/02	< 50	< 50	< 300
	03/05/02	< 50	< 50	< 300
	11/27/01	< 50	< 50	< 300
	09/06/01	< 50	< 50 ²	< 300 ²
	05/15/01	< 50	< 50	< 300
	06/19/00	< 50	< 50 (U12, U21)	< 300 (U12, U21)
	01/11/00	< 50	< 50 (U12)	< 300
	09/02/99	< 50	< 50	< 300
	06/02/99	< 50	< 50	< 300 (U6)
	03/10/99	< 50	< 50	< 300
	12/03/98	< 50	< 50	< 300
	09/01/98	< 50 (U18)	< 50	< 300
	05/26/98	< 50	< 50	< 300
	02/26/98	< 50	< 50	< 300
	12/02/97	< 50	< 50	< 300
	08/27/97	< 50	< 50	< 300
	06/10/97	< 50	< 50	< 300
	03/13/97	< 50	< 50	< 300
	11/13/96	< 50	< 50	< 300
	08/16/96	< 50	68 (J25)	< 300
	04/09/96	< 50	< 50	< 300
	01/17/96	< 50	< 50	< 300
	10/16/95	< 50	< 50	< 300
	07/17/95	< 50	< 50	< 300
	04/24/95	< 50	< 50	NA
	01/31/95	< 50	< 50	NA
	10/25/94	< 50	< 50	NA
	08/09/94	< 50	< 50 (U9)	NA
	05/10/94	< 50	< 50	NA
	02/15/94	< 50	68 (J25)	NA
	11/15/93	< 50	< 50	NA
	08/09/93	< 50	< 50	NA

Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	TPH as Gasoline (Carbon Range C₇-C₁₂)	TPH as Diesel (Carbon Range C₁₂-C₂₄)	TPH as Fuel Oil (Carbon Range C₂₄-C₃₆)
	Analytical Method ¹	SW8015B/ SW8015M	SW8015B/ SW8015M	SW8015B/ SW8015M
		(µg/L)	(µg/L)	(µg/L)
DUP0518013BCL 937GW39CL	12/05/03	< 50	< 50	< 300
	08/18/03	< 50	< 50	< 300
	06/03/03	< 50	< 50	< 300
	03/20/03	< 50	< 50	< 300
	12/05/02	< 50	< 50	< 300
	08/28/02	< 50	< 50	< 300
	05/31/02	< 50	< 50	< 300
	03/05/02	< 50	< 50	< 300
	11/27/01	< 50	< 50	< 300
	09/07/01	< 50	< 50 ²	< 300 ²
	05/18/01	< 50	< 50	< 300
	05/18/01	< 50	< 50	< 500
	05/18/01	< 50	< 50	< 500
	06/16/00	< 50	< 50 (U21)	< 300 (U21)
	01/13/00	< 50	< 50	< 300
	09/02/99	< 50	< 50	< 300
	06/01/99	< 50	< 50	< 300
	03/09/99	< 50	< 50	< 300 (U12)
	12/02/98	66 (J25)	< 50	< 300
	08/31/98	< 50	< 50	< 300
	05/21/98	< 50	< 50	< 300
	02/18/98	< 50	< 50	< 300
	12/03/97	< 50	< 50	< 300
	08/28/97	< 50	< 50 (U29)	< 300
	06/16/97	< 50	< 50	< 300
	03/18/97	< 50	< 50	< 300
	11/18/96	< 50	< 50	< 300
	08/21/96	< 50	< 50	< 300
	04/17/96	< 50	< 50	< 300
	01/25/96	< 50	< 50	< 300
	10/24/95	< 50	< 50	< 300
	07/31/95	< 50	< 50	< 300
	05/08/95	< 50	< 50	NA
	02/01/95	< 50	120 (J25)	NA
	10/26/94	< 50	< 50	NA
	08/12/94	< 50	< 50	NA
	05/11/94	< 50	< 50	NA
	02/16/94	< 50	91 (J25)	NA
	11/15/93	< 50	< 50	NA
	08/10/93	< 50	69 (J25)	NA

Table A-1-3
Results of TPH Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	TPH as Gasoline (Carbon Range C ₇ -C ₁₂)	TPH as Diesel (Carbon Range C ₁₂ -C ₂₄)	TPH as Fuel Oil (Carbon Range C ₂₄ -C ₃₆)
	Analytical Method ¹	SW8015B/ SW8015M	SW8015B/ SW8015M	SW8015B/ SW8015M
		(µg/L)	(µg/L)	(µg/L)
937GW42 (intermediate)	12/09/03	< 50	< 50	< 300
	08/20/03	< 50	< 50	< 300
	06/09/03	< 50	< 50	< 300
	03/20/03	< 50	< 50	< 300
	12/05/02	< 50	< 50	< 300
	08/29/02	< 50	< 50	< 300
DUP0604021B 937GW42CL	06/04/02	< 50	< 50	< 300
	06/04/02	< 50	< 50	< 300
	06/04/02	< 50	860 ² ndp,J-NJ	2,800 ² NJ
DUP0306022C	03/06/02	< 50	< 50	< 300
	03/06/02	< 50	110 YH	340
	11/28/01	< 50	340 YH	490
DUP1128011C 937GW42CL	11/28/01	< 50	720 YH	470
	11/28/01	< 50	150 ndp	530
	09/06/01	< 50	59,000 ² YH,NJ	67,000 ² YL,NJ
DUP0906011C	09/06/01	< 50	60,000 ² YH,NJ	67,000 ² YL,NJ
	05/16/01	< 50	< 50	< 300
	09/11/00	NA	4,100	3,700
	06/16/00	85	10,000 (J21)	12,000 (J21)
	01/10/00	< 50	< 50 (U12)	< 300
	09/03/98	< 50 (U18)	< 50	< 300
	05/28/98	< 50	< 50	< 300
	02/24/98	< 50	< 50	< 300
	11/25/97	< 50	< 50	< 300
	08/26/97	< 50	< 50	< 300
	06/04/97	< 50	< 50	< 300
	03/10/97	< 50	< 50 (U12, U20, U29)	< 300 (U29)
	11/11/96	< 50	< 50	< 300
	08/14/96	< 50	87 (J25)	< 300
	04/12/96	< 50	< 50	< 300
	01/22/96	< 50	< 50	< 300
	10/20/95	< 50	< 50	< 300
	07/24/95	< 50	< 50	< 300
	05/01/95	< 50	92 (J25)	NA
	02/14/95	< 50	57 (J25)	NA
	10/27/94	< 50	< 50	NA
	08/01/94	< 50	68 (J25)	NA
	05/05/94	< 50	< 50	NA

Table A-1-3
Results of TPH Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	TPH as Gasoline (Carbon Range C ₇ -C ₁₂)	TPH as Diesel (Carbon Range C ₁₂ -C ₂₄)	TPH as Fuel Oil (Carbon Range C ₂₄ -C ₃₆)
	Analytical Method ¹	SW8015B/ SW8015M	SW8015B/ SW8015M	SW8015B/ SW8015M
		(µg/L)	(µg/L)	(µg/L)
937GW101 (shallow)	12/04/03	< 50	< 50	< 300
	08/12/03	< 50	< 50	< 300
	06/04/03	< 50	< 50	< 300
	03/19/03	< 50	< 50	< 300
	12/10/02	< 50	< 50	< 300
	08/28/02	< 50	< 50	< 300
	06/04/02	< 50	< 50	< 300
	03/08/02	< 50	< 50	< 300
	11/27/01	< 50	< 50	< 300
	09/06/01	< 50	63 ² YH,NJ	< 300 ²
937GW102 (intermediate)	12/04/03	< 50	< 50	< 300
	08/12/03	< 50	< 50	< 300
	06/03/03	< 50	< 50	< 300
	03/19/03	< 50	< 50	< 300
	12/10/02	< 50	< 50	< 300
	08/28/02	< 50	< 50	< 300
	05/30/02	< 50	< 50	< 300
	03/08/02	< 50	< 50	< 300
	11/28/01	< 50	< 50	< 300
	09/06/01	< 50	210 ² YH,NJ	< 300 ²
937GW103 (deep) DUP1204032A 937GW103CL	12/04/03	< 50	< 50	< 300
	12/04/03	< 50	< 50	< 300
	12/04/03	< 50	< 48	< 240
	08/12/03	< 50	< 50	< 300
	06/03/03	< 50	< 50	< 300
	03/19/03	< 50	< 50	< 300
	12/10/02	< 50	< 50	< 300
	08/28/02	< 50	< 50	< 300
	05/30/02	< 50	< 50	< 300
	03/08/02	< 50	< 50	< 300
	11/27/01	< 50	< 50	< 300
	09/06/01	< 50	< 50 ²	< 300 ²

Table A-1-3
Results of TPH Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	TPH as Gasoline (Carbon Range C ₇ -C ₁₂)	TPH as Diesel (Carbon Range C ₁₂ -C ₂₄)	TPH as Fuel Oil (Carbon Range C ₂₄ -C ₃₆)
	Analytical Method ¹	SW8015B/ SW8015M	SW8015B/ SW8015M	SW8015B/ SW8015M
		(µg/L)	(µg/L)	(µg/L)
937GW104 (shallow)	12/08/03	< 50	< 50	< 300
	08/12/03	< 50	< 50	< 300
	06/03/03	< 50	< 50	< 300
	03/11/03	< 50	< 50	< 300
	12/10/02	< 50	< 50	< 300
	08/30/02	< 50	< 50	< 300
	05/31/02	< 50	< 50	< 300
	03/13/02	< 50	< 50	< 300
	12/03/01	< 50	< 50	< 300
	09/07/01	< 50	< 50 ²	< 300 ²
937GW105 (intermediate) DUP0815031A 937GW105CL DUP0905022A	12/09/03	< 50	< 50	< 300
	08/15/03	< 50	< 50	< 300
	08/15/03	< 50	240 HY	< 300
	08/15/03	< 50	< 48	< 240
	06/04/03	< 50	< 50	< 300
	03/19/03	< 50	< 50	< 300
	12/10/02	< 50	< 50	< 300
	09/05/02	< 50	< 50	< 300
	09/05/02	< 50	< 50	< 300
	09/05/02	< 50	< 50	< 300
	05/31/02	< 50	< 50	< 300
	03/13/02	< 50	< 50	< 300
	12/03/01	< 50	< 50	< 300
	09/07/01	< 50	77 ² YH,NJ	< 300 ²
937GW106 (shallow)	12/09/03	< 50	< 50	< 300
	08/18/03	< 50	110 Y	< 300
	06/04/03	< 50	68 Y	< 300
	03/18/03	< 50	< 50 UJ	< 300 UJ
	12/10/02	< 50	< 50	< 300
	09/05/02	< 50	< 50	< 300
	05/31/02	< 50	< 50	< 300
	03/13/02	< 50	< 50	< 300
	11/29/01	< 50	< 50	< 300
	08/31/01	< 50	230 ² YH,NJ	< 300 ²
937GW107 (intermediate) DUP0818031A	12/09/03	< 50	< 50	< 300
	08/18/03	< 50	< 50	< 300
	08/18/03	< 50	< 50	< 300
	06/03/03	< 50	< 50	< 300
	03/18/03	< 50	< 50	< 300

Table A-1-3
Results of TPH Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	TPH as Gasoline (Carbon Range C ₇ -C ₁₂)	TPH as Diesel (Carbon Range C ₁₂ -C ₂₄)	TPH as Fuel Oil (Carbon Range C ₂₄ -C ₃₆)
	Analytical Method ¹	SW8015B/ SW8015M	SW8015B/ SW8015M	SW8015B/ SW8015M
		(µg/L)	(µg/L)	(µg/L)
937GW107 (intermediate) DUP0905022B	12/10/02	100 YH	62 HY	470
	09/05/02	< 50	< 50	< 300
	09/05/02	< 50	< 50	< 300
	05/31/02	< 50	< 50	< 300
	03/13/02	< 50	< 50	< 300
	11/29/01	< 50	< 50	< 300
	08/31/01	< 50	64 ² Y,NJ	< 300 ²
937GW108 (shallow) DUP1203033B 937GW108CL DUP0319032A DUP1210022A 937GW108CL	12/03/03	460 H,J+	< 50	< 300
	12/03/03	390 H	50 Y	< 300
	12/03/03	290	1000 A-01	750
	08/15/03	430 Y,J+	400 HLY	840
	06/03/03	740 YH	530 HLYZ	760
	03/19/03	570	< 50	< 300
	03/19/03	600	450 YLH	390 L
	12/10/02	850 YH	630 HLY	1,800
	12/10/02	540 HY	60 Y	< 300
	12/10/02	680	< 50	800
	09/05/02	770 YH	< 50	< 300
	06/04/02	1,200 YH	680 YLH	1,900
950GW108 (intermediate) DUP0318031B DUP0829022A 950GW108CL DUP0604021A 950GW108CL DUP0314022A 950GW108CL	12/04/03	< 50	< 50	< 300
	08/12/03	< 50	< 50	< 300
	06/06/03	< 50	< 50	< 300
	03/18/03	< 50	< 50 UJ	< 300 UJ
	03/18/03	< 50	< 50	< 300
	12/11/02	< 50	< 50	< 300
	08/29/02	< 50	< 50	< 300
	08/29/02	< 50	< 50	< 300
	03/18/03	< 50	< 50	< 250
	08/29/02	< 50	< 50	< 300
	06/04/02	< 50	< 50	< 300
	06/04/02	< 50	< 50	< 300
	06/04/02	< 50	< 50 UJ	< 300
	03/14/02	< 50	< 50	NA
	03/14/02	< 50	< 50	NA
	03/14/02	< 50	< 50	NA

Table A-1-3
Results of TPH Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	TPH as Gasoline (Carbon Range C ₇ -C ₁₂)	TPH as Diesel (Carbon Range C ₁₂ -C ₂₄)	TPH as Fuel Oil (Carbon Range C ₂₄ -C ₃₆)
	Analytical Method ¹	SW8015B/ SW8015M	SW8015B/ SW8015M	SW8015B/ SW8015M
		(µg/L)	(µg/L)	(µg/L)
950GW108 (intermediate) DUP1130011A	11/30/01	< 50	< 50	< 300
	11/30/01	< 50	< 50	< 300
	09/06/01	< 50	< 50 ²	< 300 ²
979GW109 (shallow) DUP1210022B	12/09/03	< 50	< 50	< 300
	08/20/03	< 50	< 50	< 300
	06/06/03	< 50	< 50	< 300
	03/19/03	< 50	< 50	< 300
	12/10/02	79 YH	< 50	< 300
	12/10/02	< 50	< 50	< 300
	08/29/02	< 50	< 50	< 300
	06/04/02	< 50	< 50	< 300
	03/08/02	< 50	< 50	< 300
	11/28/01	< 50	< 50	< 300
	09/07/01	< 50	160 ² YH,NJ	< 300 ²
979GW110 (intermediate) DUP0319032B	12/04/03	< 50	< 50	< 300
	08/12/03	< 50	< 50	< 300
	06/05/03	< 50	100 HY	540
	03/19/03	< 50	< 50	< 300
	03/19/03	< 50	< 50	< 300
	12/11/02	< 50	< 50	< 300
	08/29/02	< 50	< 50	< 300
	05/30/02	< 50	< 50	< 300
	03/14/02	< 50	< 50	NA
	11/28/01	< 50	< 50	< 300
	09/07/01	< 50	< 50 ²	< 300 ²
979GW111R (intermediate)	12/09/03	< 50	< 50	< 300
	08/12/03	< 50	< 50	< 300
	06/03/03	< 50	< 50	< 300
	03/11/03	< 50	< 50	< 300
	12/10/02	< 50	< 50	< 300
	08/30/02	< 50	< 50	< 300
	06/05/02	< 50	< 50	< 300
979GW112 (intermediate) DUP0815031B 979GW112CL	12/09/03	< 50	< 50	< 300
	08/15/03	< 50	< 50	< 300
	08/15/03	< 50	< 50	< 300
	08/15/03	< 50	< 48	< 240
	06/03/03	< 50	< 50	< 300

Table A-1-3
Results of TPH Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	TPH as Gasoline (Carbon Range C ₇ -C ₁₂)	TPH as Diesel (Carbon Range C ₁₂ -C ₂₄)	TPH as Fuel Oil (Carbon Range C ₂₄ -C ₃₆)
	Analytical Method ¹	SW8015B/ SW8015M	SW8015B/ SW8015M	SW8015B/ SW8015M
		(µg/L)	(µg/L)	(µg/L)
979GW112 (intermediate) DUP1210021A 979GW112CL	03/18/03	< 50	< 50	< 300
	12/10/02	< 50	< 50	< 300
	12/10/02	< 50	< 50	< 300
	12/10/02	< 50	< 50	< 250
	08/30/02	< 50	< 50	< 300
	06/05/02	< 50	< 50	< 300
	03/14/02	< 50	< 50	< 300
	12/03/01	< 50	< 50	< 300
	08/31/01	< 50	< 50 ²	< 300 ²
979GW113 (shallow) DUP0313022A	12/04/03	< 50	< 50	< 300
	08/12/03	< 50	54 HY	< 300
	06/05/03	< 50	< 50	< 300
	03/19/03	< 50	710 YLH	760
	12/10/02	< 50	< 50	< 300
	08/28/02	< 50	< 50	< 300
	05/30/02	< 50	< 50	< 300
	03/13/02	< 50	< 50	< 300
	03/13/02	< 50	< 50	< 300
	11/29/01	< 50	< 50	< 300
	09/07/01	< 50	310 ² YH,NJ	< 300 ²
979GW114 (intermediate) DUP0530021D	12/04/03	< 50	< 50	< 300
	08/12/03	< 50	< 50	< 300
	06/04/03	< 50	< 50	< 300
	03/19/03	< 50	< 50	< 300
	12/10/02	< 50	< 50	< 300
	08/28/02	< 50	< 50	< 300
	05/30/02	< 50	< 50	< 300
	05/30/02	< 50	< 50	< 300
	03/13/02	< 50	< 50	< 300
	11/29/01	< 50	< 50	< 300
	09/07/01	< 50	110 ² YH,NJ	< 300 ²
979GW115 (shallow) DUP1211021A	12/09/03	< 50	< 50	< 300
	08/12/03	< 50	< 50	< 300
	06/03/03	< 50	< 50	< 300
	03/18/03	< 50	< 50 UJ	< 300 UJ
	12/11/02	< 50	< 50 UJ	< 300 UJ
	12/11/02	< 50	< 50	< 300

Table A-1-3
Results of TPH Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	TPH as Gasoline (Carbon Range C ₇ -C ₁₂)	TPH as Diesel (Carbon Range C ₁₂ -C ₂₄)	TPH as Fuel Oil (Carbon Range C ₂₄ -C ₃₆)
	Analytical Method ¹	SW8015B/ SW8015M	SW8015B/ SW8015M	SW8015B/ SW8015M
		(µg/L)	(µg/L)	(µg/L)
979GW115 (shallow) DUP0605021B 979GW115CL	08/30/02	< 50	< 50	< 300
	06/05/02	< 50	< 50	< 300
	06/05/02	< 50	< 50	< 300
	06/05/02	< 50	< 50 UJ	< 300
	03/13/02	< 50	< 50	< 300
	11/29/01	< 50	< 50	< 300
	08/29/01	< 50	84 ² Y,NJ	< 300 ²
979GW116 (intermediate) DUP0604031A DUP0319031A DUP0905022C 979GW116CL DUP0314021A 979GW116CL DUP1129011A 979GW116CL	12/09/03	< 50	< 50	< 300
	08/18/03	< 50	< 50	< 300
	06/04/03	< 50	< 50	< 300
	06/04/03	< 50	< 50	< 300
	03/19/03	< 50	< 50	< 300
	03/19/03	< 50	< 50	< 300
	12/10/02	< 50	< 50	< 300
	09/05/02	< 50	< 50	< 300
	09/05/02	< 50	< 50	< 300
	09/05/02	< 50	< 50	< 300
	06/06/02	< 50	< 50	< 300
	03/14/02	< 50	< 50	< 300
	03/14/02	< 50	< 50	< 300
	03/14/02	< 50	< 50	< 300
	11/29/01	< 50	< 50	< 300
	11/29/01	< 50	< 50	< 300
	11/29/01	< 50	< 50	< 500
	08/29/01	< 50	50 ² Y,NJ	< 300 ²
979GW117 (deep)	12/08/03	< 50	< 50	< 300
	08/12/03	< 50	< 50	< 300
	06/03/03	< 50	< 50	< 300
	03/18/03	< 50	< 50	< 300
	12/10/02	< 50	< 50	< 300
	08/30/02	< 50	< 50	< 300
	05/31/02	< 50	< 50	< 300

Table A-1-3
Results of TPH Analyses
Building 900s Area
Presidio of San Francisco, California

Well Name (screened interval)	Sample Date	TPH as Gasoline (Carbon Range C ₇ -C ₁₂)	TPH as Diesel (Carbon Range C ₁₂ -C ₂₄)	TPH as Fuel Oil (Carbon Range C ₂₄ -C ₃₆)
	Analytical Method ¹	SW8015B/ SW8015M	SW8015B/ SW8015M	SW8015B/ SW8015M
		(µg/L)	(µg/L)	(µg/L)
979GW117 (deep)	03/13/02	< 50	< 50	< 300
	11/29/01	< 50	< 50	< 300
	08/29/01	< 50	< 50 ²	< 300 ²

Notes

1 - The identified analytical method(s) are for analyses performed beginning in the Second Quarter 2001.

The analytical methods used during previous quarters are identified in the respective quarterly reports.

2 - TPH analysis was not run using the silica gel cleanup method 3630A, although it was marked on the chain of custody.

H - Heavier hydrocarbons contributed to the quantitation

L - Lighter hydrocarbons contributed to the quantitation

Y - Sample exhibits fuel pattern which does not resemble standard

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

ndp - Hydrocarbon reported does not match the pattern of the diesel standard.

µg/L - micrograms per liter

NA - Not analyzed

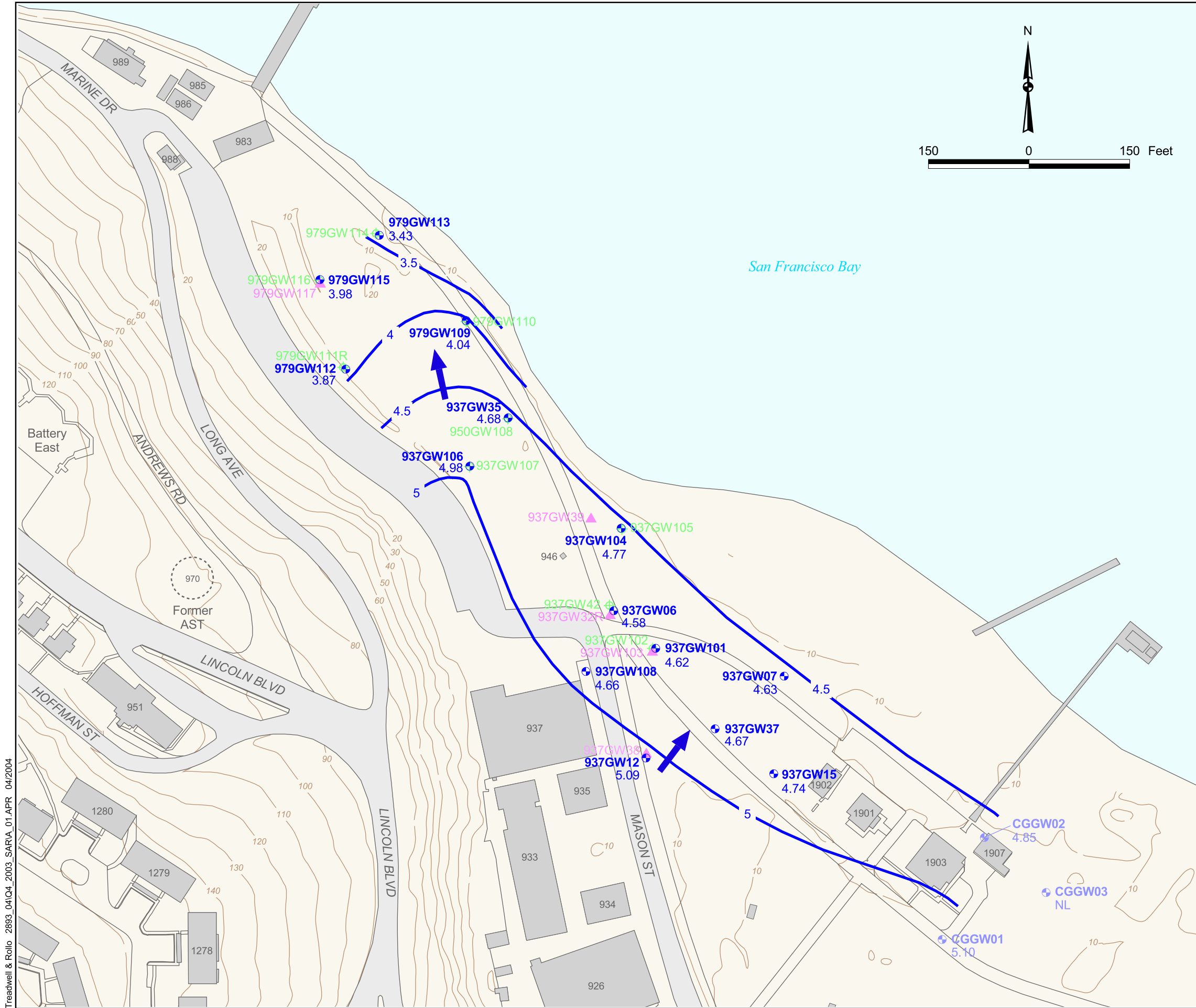
TPH - Total petroleum hydrocarbon

NS - Not sampled

"CL" suffix denotes a quality control duplicate sample was sent to the control laboratory.

Table 7 in the main report identifies all duplicate and split samples and associates them with the well from which they were collected.

Table 11 in the main report identifies current and historic data qualifiers.



LEGEND

- **937GW06** 4.58 Shallow Groundwater Monitoring Well
August 2003 Groundwater Elevation
- **CGGW01** 5.10 Adjacent Study Area Shallow Groundwater Well
August 2003 Groundwater Elevation
- ⊕ **937GW42** Intermediate Groundwater Monitoring Well
- ▲ **937GW103** Deep Groundwater Monitoring Well
- NL Not Located
- ➔ Approximate Direction of
Groundwater Flow
- Groundwater Contour
(Contour Interval : 0.5 ft)
- Topographic Contour
(Contour Interval : 10 ft)
- 935 Building and Number

Notes:
Groundwater elevation data collected 11 August 2003 between
8:27 and 9:12 am.

Monitoring wells in BOLD were used in groundwater contouring.

Shallow Building 900s and Coast Guard Monitoring wells
CGGW01 and CGGW02 were used in groundwater contouring.

Elevation of well 937GW07 is approximate due to damage to top
of casing.

Horizontal Datum: NAD 27, CA State Plane Coordinates, Zone 3, feet
Vertical Datum: Presidio Lower Low Water (ft. PLLW)

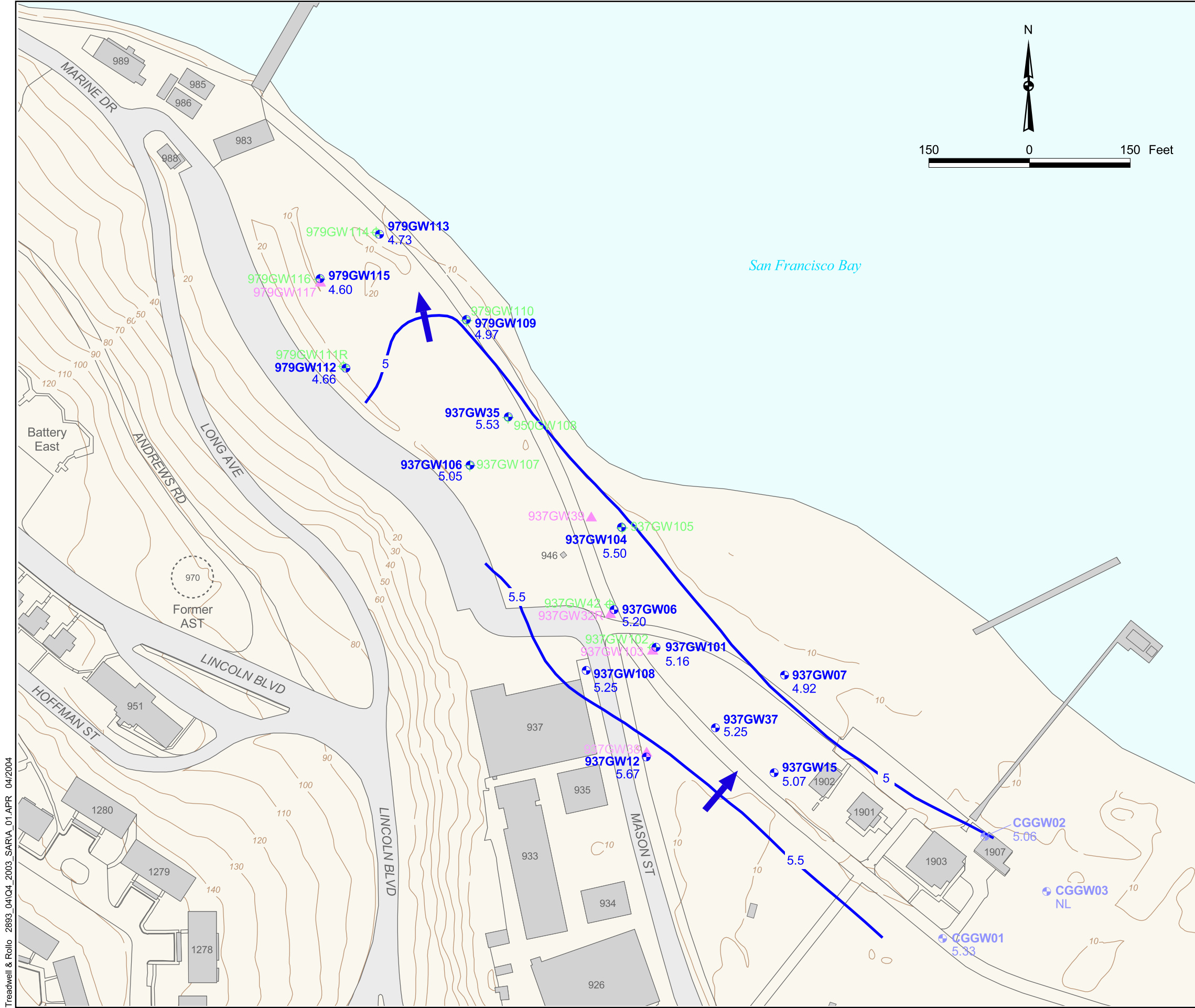
**BUILDING 900s AREA
11 AUGUST 2003
GROUNDWATER ELEVATION MAP
SHALLOW ZONE AT LOW TIDE**

Treadwell&Rollo



Presidio Trust
34 Graham Street
P.O. Box 29052
San Francisco, CA
94129-0052
415/561-5300
fax 415/561-5315
April 2004

FIGURE A-1-2



LEGEND

- Shallow Groundwater Monitoring Well
December 2003 Groundwater Elevation
- Adjacent Study Area Shallow Groundwater Well
December 2003 Groundwater Elevation
- Intermediate Groundwater Monitoring Well
- Deep Groundwater Monitoring Well
- NL Not Located
- Approximate Direction of
Groundwater Flow
- Groundwater Contour
(Contour Interval : 0.5 ft)
- Topographic Contour
(Contour Interval : 10 ft)
- Building and Number

Notes:
Groundwater elevation data collected 1 December 2003.

Monitoring wells in BOLD were used in groundwater contouring.

Shallow Building 900s and Coast Guard Monitoring wells
CGGW01 and CGGW02 were used in groundwater contouring.

Elevation of well 937GW07 is approximate due to damage to top
of casing.

Horizontal Datum: NAD 27, CA State Plane Coordinates, Zone 3, feet
Vertical Datum: Presidio Lower Low Water (ft. PLLW)

BUILDING 900s AREA
1 DECEMBER 2003
GROUNDWATER ELEVATION MAP
SHALLOW ZONE

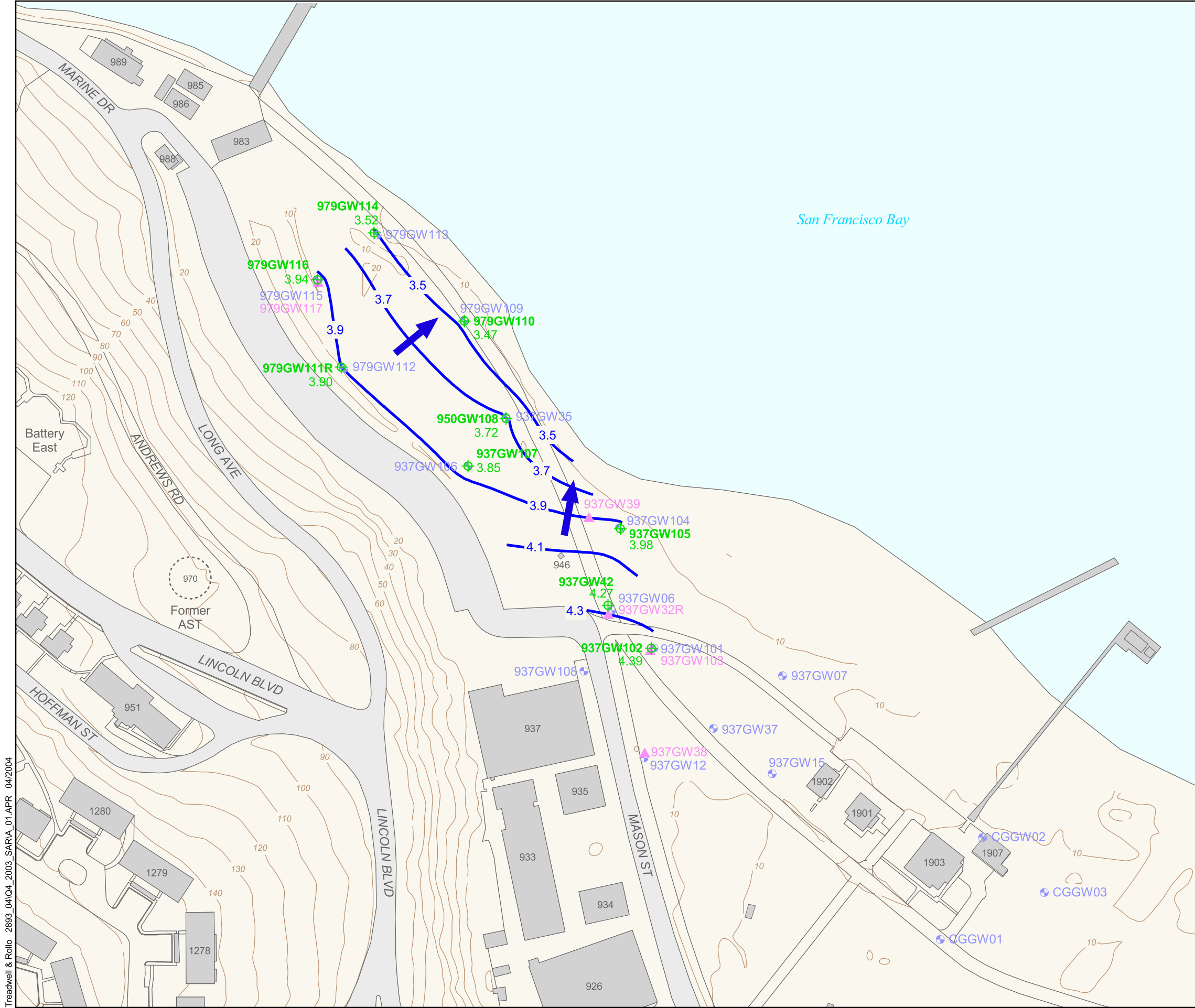
Treadwell&Rollo



Presidio Trust

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P.O. Box 29052
San Francisco, CA
94129-0052
415/561-5300
fax 415/561-5315
April 2004

FIGURE A-1-3



N

150 0 150 Feet

LEGEND

937GW42 4.27 Intermediate Groundwater Monitoring Well
August 2003 Groundwater Elevation

937GW06 Shallow Groundwater Monitoring Well

937GW103 Deep Groundwater Monitoring Well

Approximate Direction of Groundwater Flow

Groundwater Contour
(Contour Interval : 0.2 ft)

Topographic Contour
(Contour Interval : 10 ft)

935 Building and Number

Notes:

Groundwater elevation data collected 11 August 2003.

Monitoring wells in BOLD were used in groundwater contouring.

Horizontal Datum: NAD 27, CA State Plane Coordinates, Zone 3, feet
Vertical Datum: Presidio Lower Low Water (ft. PLLW)

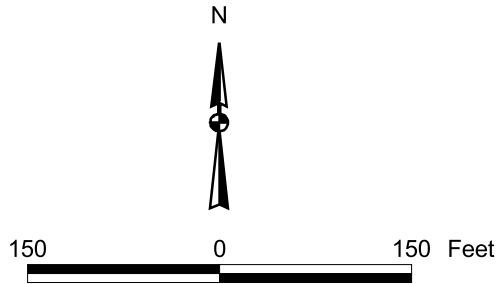
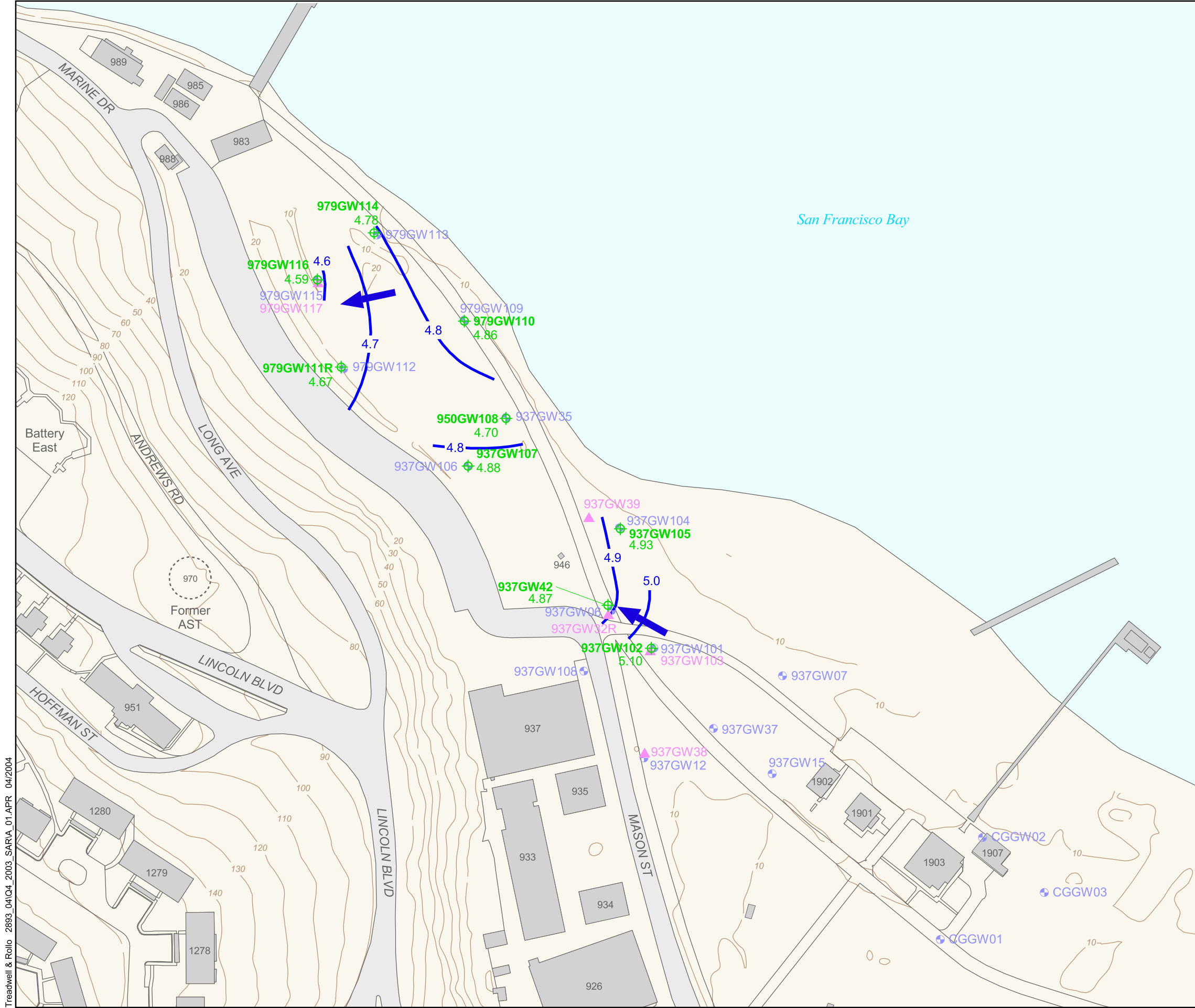
BUILDING 900s AREA
11 AUGUST 2003
GROUNDWATER ELEVATION MAP
INTERMEDIATE ZONE AT LOW TIDE

Treadwell&Rollo

Presidio Trust

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April 2004

FIGURE A-1-4



LEGEND

- 937GW42**
4.87 Intermediate Groundwater Monitoring Well
December 2003 Groundwater Elevation
- 937GW06** Shallow Groundwater Monitoring Well
- 937GW103** Deep Groundwater Monitoring Well
- Approximate Direction of
Groundwater Flow
- Groundwater Contour
(Contour Interval : 0.1 ft)
- Topographic Contour
(Contour Interval : 10 ft)
- 935 Building and Number

Notes:
Groundwater elevation data collected 1 December 2003.

Monitoring wells in BOLD were used in groundwater contouring.

Horizontal Datum: NAD 27, CA State Plane Coordinates, Zone 3, feet
Vertical Datum: Presidio Lower Low Water (ft. PLLW)

**BUILDING 900s AREA
1 DECEMBER 2003
GROUNDWATER ELEVATION MAP
INTERMEDIATE ZONE**

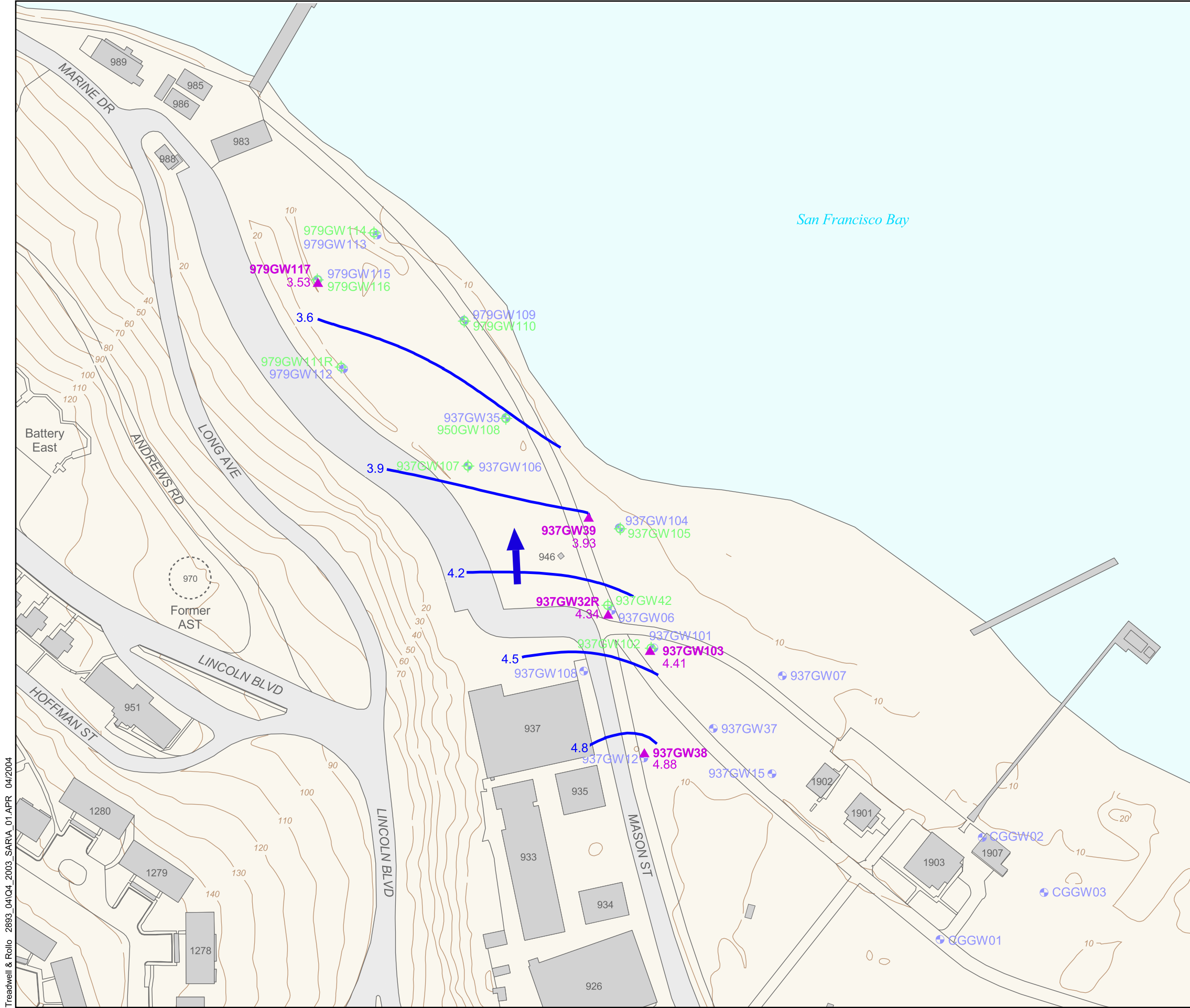
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FIGURE A-1-5



LEGEND

- ▲ **937GW103** 4.41 Deep Groundwater Monitoring Well
August 2003 Groundwater Elevation
- **937GW06** Shallow Groundwater Monitoring Well
- ⊕ **937GW42** Intermediate Groundwater Monitoring Well
- ➔ Approximate Direction of Groundwater Flow
- Groundwater Contour
(Contour Interval : 0.5 ft)
- Topographic Contour
(Contour Interval : 10 ft)
- 935 Building and Number

Notes:
Groundwater elevation data collected 11 August 2003.

Monitoring wells in BOLD were used in groundwater contouring.

Horizontal Datum: NAD 27, CA State Plane Coordinates, Zone 3, feet
Vertical Datum: Presidio Lower Low Water (ft. PLLW)

BUILDING 900s AREA 11 AUGUST 2003 GROUNDWATER ELEVATION MAP DEEP ZONE AT LOW TIDE

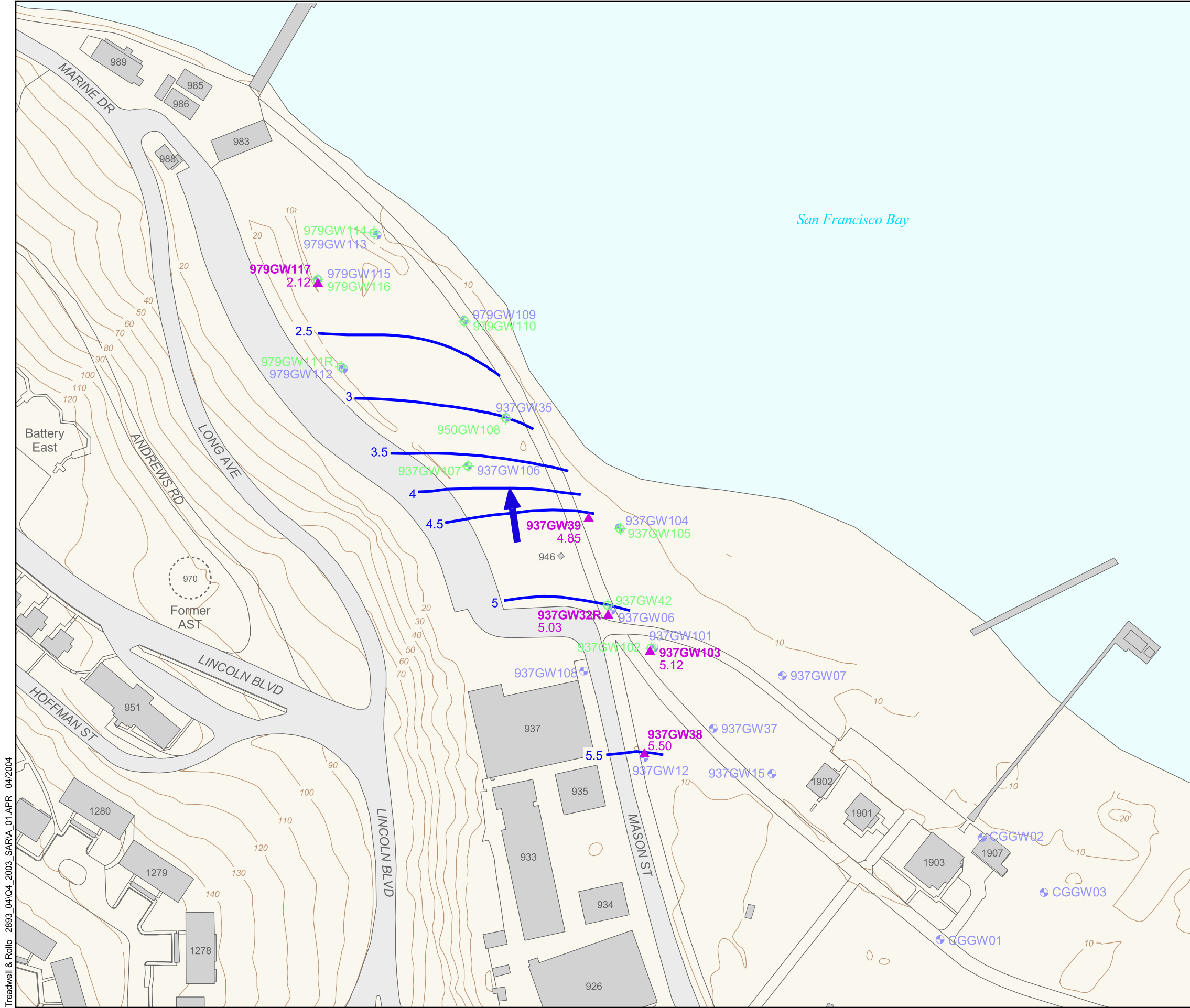
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FIGURE A-1-6



LEGEND

- ▲ **937GW103** 5.12 Deep Groundwater Monitoring Well
December 2003 Groundwater Elevation
- **937GW06** Shallow Groundwater Monitoring Well
- ⊕ **937GW42** Intermediate Groundwater Monitoring Well
- ➔ Approximate Direction of Groundwater Flow
- Groundwater Contour
(Contour Interval : 0.5 ft)
- Topographic Contour
(Contour Interval : 10 ft)
- 935 Building and Number

Notes:
Groundwater elevation data collected 1 December 2003.

Monitoring wells in BOLD were used in groundwater contouring.

Horizontal Datum: NAD 27, CA State Plane Coordinates, Zone 3, feet
Vertical Datum: Presidio Lower Low Water (ft. PLLW)

**BUILDING 900s AREA
1 DECEMBER 2003
GROUNDWATER ELEVATION MAP
DEEP ZONE**

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FIGURE A-1-7